FCC TEST REPORT

According to

CFR47 §15.247

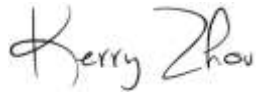
Applicant	:	**IFLYTEK CO.,LTD**
Address	:	**West Wangjiang Rd.666,Hefei,Anhui, China**
Manufacturer	:	**IFLYTEK CO.,LTD**
Address	:	**West Wangjiang Rd.666,Hefei,Anhui, China**
Equipment	:	**iflytek translating machine**
Model No.	:	**Easy trans600**
FCC ID	:	**2AMI5-EASYTRANS-600**
Test Period	:	**Jun.05,2017~ Jun.18, 2017**

■ The test result refers exclusively to the test presented test model / sample.

■ Without written approval of ***Cerpass Technology Corp.*** the test report shall not be reproduced except in full.

I HEREBY CERTIFY THAT :
The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.10 – 2013** and the energy emitted by this equipment was ***passed.***

Prepared By:



Kerry Zhou

Approved by:

Miro Chueh (EMC/RF Manager)

Laboratory Accreditation:

☐ Cerpass Technology Corporation Test Laboratory

NVLAP LAB Code:	**200954-0**
TAF LAB Code:	**1439**

☒ Cerpass Technology (SuZhou) Co., Ltd.

NVLAP LAB Code:	**200814-0**
CNAS LAB Code:	**L5515**

Contents

History of this Test Report

Report No.	Version	Issue Date	Description
SEFC1705161	Rev 01	June.22, 2017	Original.

1. Report of Measurements and Examinations

Reference STD		Description of Test	Compliance results
1	FCC Rules §15.207(a);	AC Conducted Emission	PASS
2	FCC Rules §15.205(a)&15.209(a)	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	PASS
3	FCC Rules §15.247(a)(2);	6dB Bandwidth	PASS
4	FCC Rules §15.247(b)(3);	Output Power	PASS
5	FCC Rules §15.247(e)	Power Spectral Density	PASS
6	FCC Rules §15.247(d)	Conducted Band Edge and Out-of-Band Emissions	PASS
7	FCC Rules §15.247(d);	Radiated Emission Band Edges	PASS

2. General Info

2.1 Description of EUT

Product name	iflytek translating machine	
Model No.	Easy trans600	
Power supply	XHY050100UCA	
	Input:	100~240V AC 50-60Hz 0.2A
	Output:	5V⎓1.0A

2.2 Description of wireless module

WLAN	MT6625L
Spreading	802.11b: CCK, DQPSK, DBPSK 802.11g: 64 QAM, 16 QAM, QPSK, BPSK 802.11n: BPSK, QPSK,16-QAM, 64-QAM
Frequency Range	802.11b/g/n(20MHz): 2412-2462MHz 802.11n(40MHz): 2422-2452MHz
Number of Channels	802.11b/g/n (20MHz):11 802.11n (40MHz): 7
Data Rate	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0~MCS7

Note: For more details, please refer to the EUT User manual.

2.3 Description of Antenna

Antenna	Manufacturer	Model No.	Peak Gain
PCB Antenna	Shenzhen Victory Telecommunication Technology Co., LTD.	VTL52-YK910-F	-3.76dBi for 2.40~2.50GHz band

2.4 Carrier Frequency of Channels

802.11b, 802.11g, 802.11n(20MHz)			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	08	2447
02	2417	09	2452
03	2422	10	2457
04	2427	11	2462
05	2432		
06	2437		
07	2442	---	---

802.11n(40MHz)			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	---	08	2447
02	---	09	2452
03	2422	---	---
04	2427	---	---
05	2432	---	---
06	2437	---	---
07	2442	---	---

2.5 The Worst Case Configuration

Data rate Configuration:

Modulation Mode	Worst Data Rate
802.11b	1Mbps
802.11g	6Mbps
802.11n(HT20)	MCS0
802.11n(HT40)	MCS0

2.6 EUT Exercise Software

1	Turn on the power of equipment.
2	Input RF test command and set the test mode and channel, then press OK to start continue transmit.

2.7 Power Parameter Value of the test software

Mode	Frequency (MHz)	Power Setting
802.11b	2412	19.0
	2437	19.0
	2462	19.0
802.11g	2412	16.5
	2437	16.5
	2462	16.5
802.11n(20MHz)	2412	16.0
	2437	16.0
	2462	16.0
802.11n(40MHz)	2422	15.0
	2437	15.0
	2452	15.0

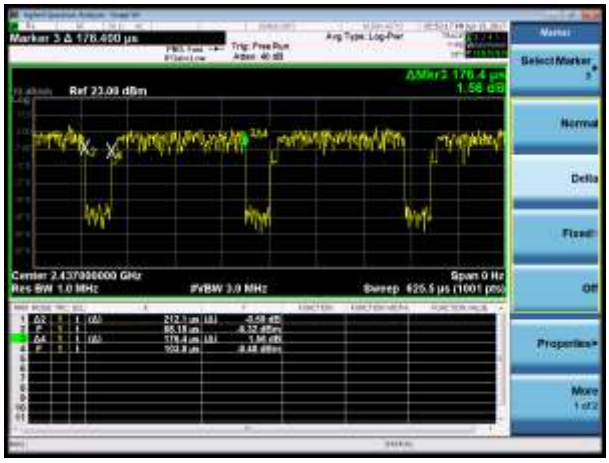
2.8 Duty cycle

Test Item	Duty cycle

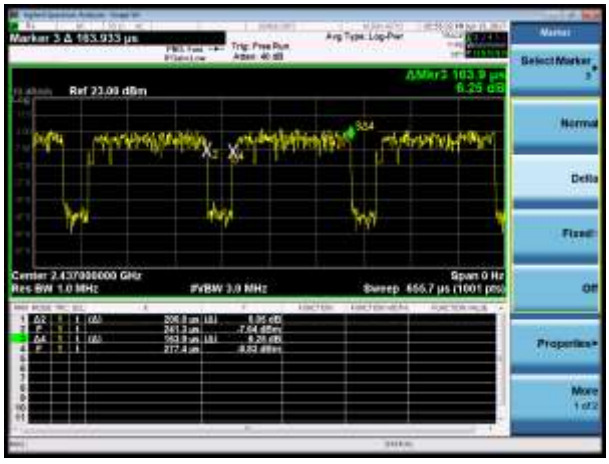
Mode	Frequency (MHz)	Measurement (%)
802.11b	2437	96.96
802.11g	2437	83.17
802.11n(20MHz)	2437	81.95
802.11n(40MHz)	2437	74.24

802.11b (2437MHz)

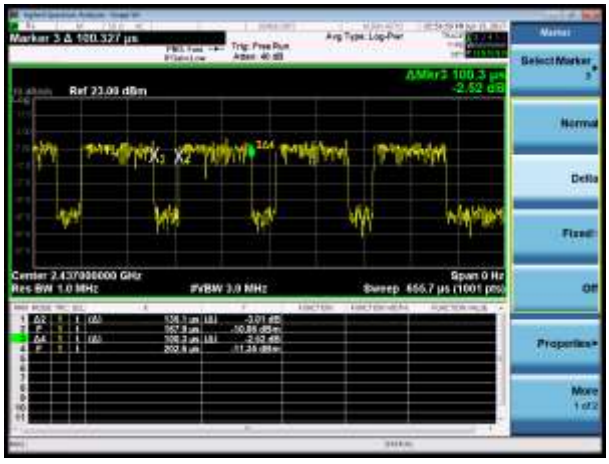
802.11g (2437MHz)



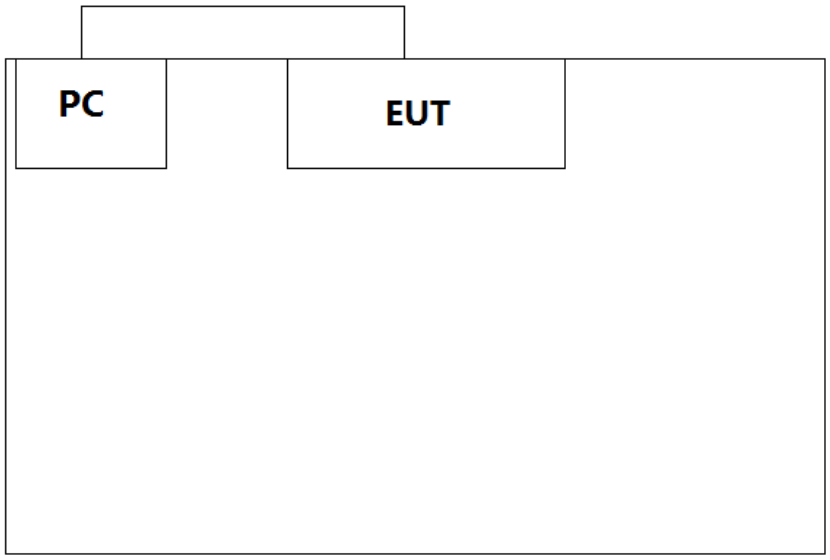
802.11n(20MHz)(2437MHz)



802.11n(40MHz)(2437MHz)



2.9 Support equipment

Connection Diagram


Signal Cable Type		Signal cable Description
A	N/A	N/A

3. General Information of Test Site

3.1 Information of Test Site

Test Site	Cerpass Technology(Suzhou) Co., Ltd.
Test Site Location	No.66,Tangzhuang Road, Suzhou Industrial Park, Jiangsu 215006, China
NVLAP LAB Code	200814-0
FCC Registration Number	916572, 331395
IC Registration Number	7290A-1, 7290A-2
VCCI Registration Number	T-1945 for Telecommunication Test C-2919 for Conducted emission test R-2670 for Radiated emission test below 1GHz G-227 for Radiated emission test above 1GHz

3.2 Measuring Equipment

RF Conducted Measuring Equipment-AC104					
Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date.
Peak Power Sensor	Booton	55006	9778	2017.06.08	2018.06.07
Series Power Meter	ANRITSU	ML2495A	1224005	2017.03.27	2018.03.26
Spectrum Analyzer	N9010A	Agilent	MY53400169	2016.11.11	2017.11.11
Spectrum Analyzer	E4407B	Agilent	MY44211883	2016.10.15	2017.10.14
Temperature/Humidity Meter	Zhicheng	ZC1-11	CEP-TH-003	2017.03.31	2018.03.30

AC Conducted Emission Measuring Equipment-SR101					
Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date.
EZ-EMC	Fala	Ver CT3A1	N/A	N/A	N/A
EMI Test Receiver	R&S	ESCI	100565	2017.03.26	2018.03.25
Artifical-Mains-Network	R&S	ESH2-Z5	100182	2016.08.31	2017.08.30
Line Impedance Stabilization Network	FCC	FCC-LISN-50-200-2-02	112087	2016.08.31	2017.08.30
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-004	2017.03.29	2018.03.28

Radiated Measuring Equipment-AC102					
Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date.
Loop Antenna	R&S	HFH2-Z2	100150	2016.08.31	2017.08.30
Bilog Antenna	Sunol Science	JB1	A072414-1	2017.04.16	2018.04.15
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2016.07.16	2017.07.15
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	9170-348	2017.05.07	2018.05.06
Preamplifier	HP	8447F	3113A05582	2017.03.26	2018.03.25
Preamplifier	EMCI	EMC-051835	980085	2016.09.06	2017.09.05
Preamplifier	COM-POWER	PA-840	711885	2017.03.26	2018.03.25
EMI Test Receiver	R&S	ESCI-3	101183	2016.06.29	2017.06.28
Spectrum Analyzer	N9010A	Agilent	MY53400169	2016.11.11	2017.11.11
Spectrum Analyzer	R&S	FS040	100324	2017.03.26	2018.03.25
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2017.03.31	2018.03.30

3.3 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2).

RF Conducted Measurement

Test Item		Uncertainty	Limit
Radio Frequency		±8.7X10^{-7}	±1X10^{-5}
RF output power, conducted		±0.63dB	±1.5dB
Power density, conducted		±1.21dB	±3dB
Unwanted emissions, conducted	30-1000MHz	±0.51dB	±3dB
	1-25GHz	±0.67dB	±3dB
All emissions, radiated	30-1000MHz	±2.28dB	±6dB
	1-25GHz	±2.59dB	±6dB
Temperature		±0.8℃	±1℃
Humidity		±3%	±5%
DC and low frequency voltages		±3%	±3%

AC Conducted Measurement

Measurement	Frequency	Uncertainty
Conducted emissions(LINE)	9KHz-30MHz	+/- 0.7738 dB
Conducted emissions(NEUTRAL)	9KHz-30MHz	+/- 0.7886 dB
Conducted emissions(10Mbps)	150KHz-30MHz	+/- 1.3013dB
Conducted emissions(100Mbps)	150KHz-30MHz	+/- 1.3197 dB
Conducted emissions(1000Mbps)	150KHz-30MHz	+/- 1.2987 dB

Radiated Measurement

Measurement	Polarity	Frequency	Uncertainty
Radiated emissions	Horizontal	below 1GHz	+/- 3.8936 dB
	Vertical	below 1GHz	+/- 3.8928 dB
	Horizontal	above 1GHz	+/- 5.18858dB
	Vertical	above 1GHz	+/- 5.18928 dB

4. AC Conducted Emission Measurement

4.1 Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.10-2013 Section 6.2. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 6.2.2.The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	**Quasi Peak (dB μ V)**	**Average (dB μ V)**
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

*Decreases with the logarithm of the frequency.

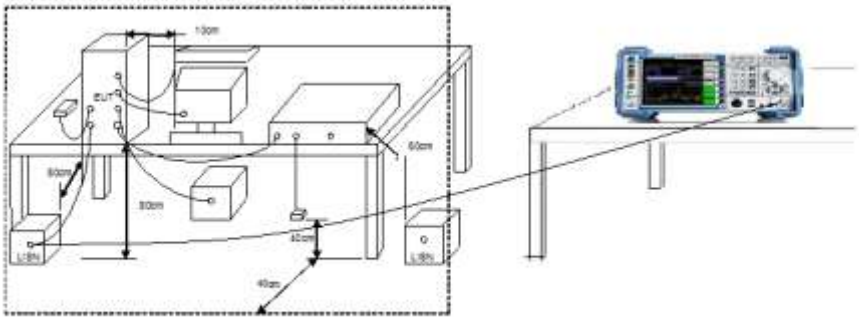
4.2 Test Standard

Tested according to ANSI C63.10: 2013 Section 6.2 for compliance to FCC 47CFR 15.247 Part15.207 (a) requirements.

4.3 Test Procedures

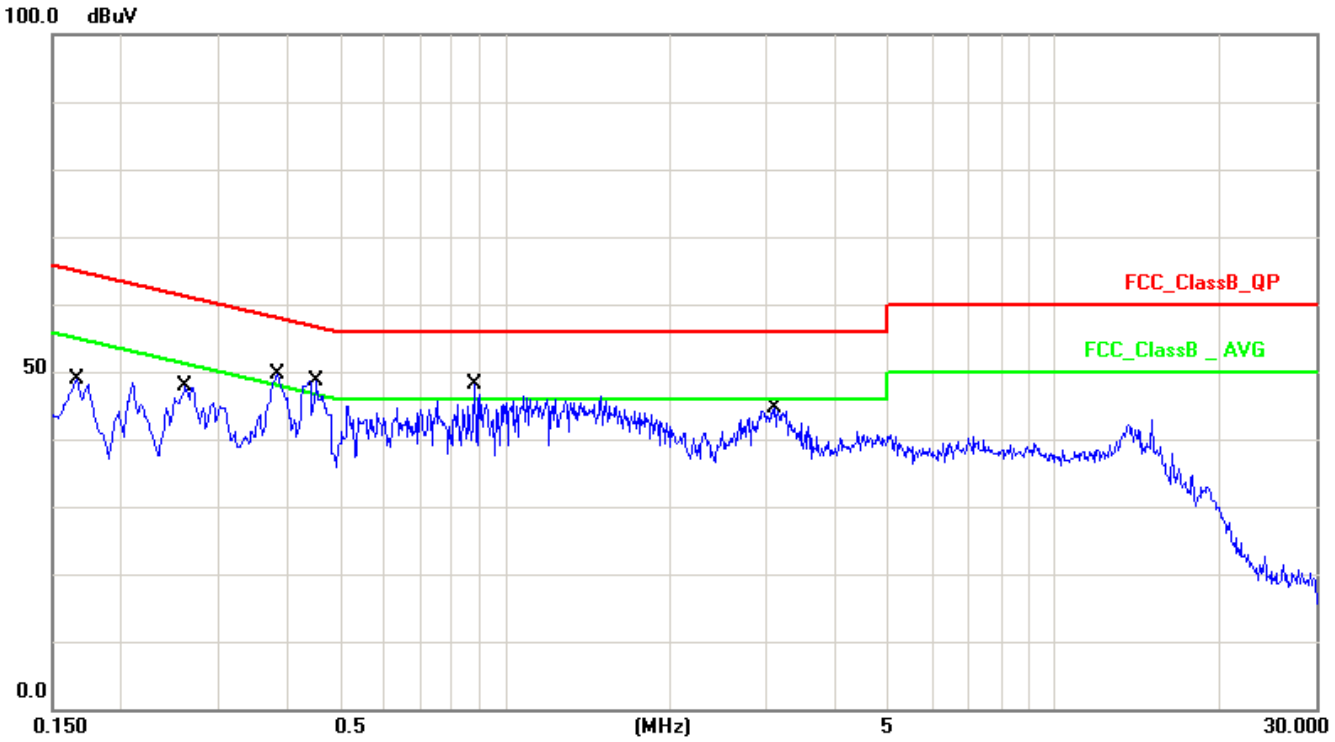
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

4.4 Test Setup Layout



4.5 Test Result

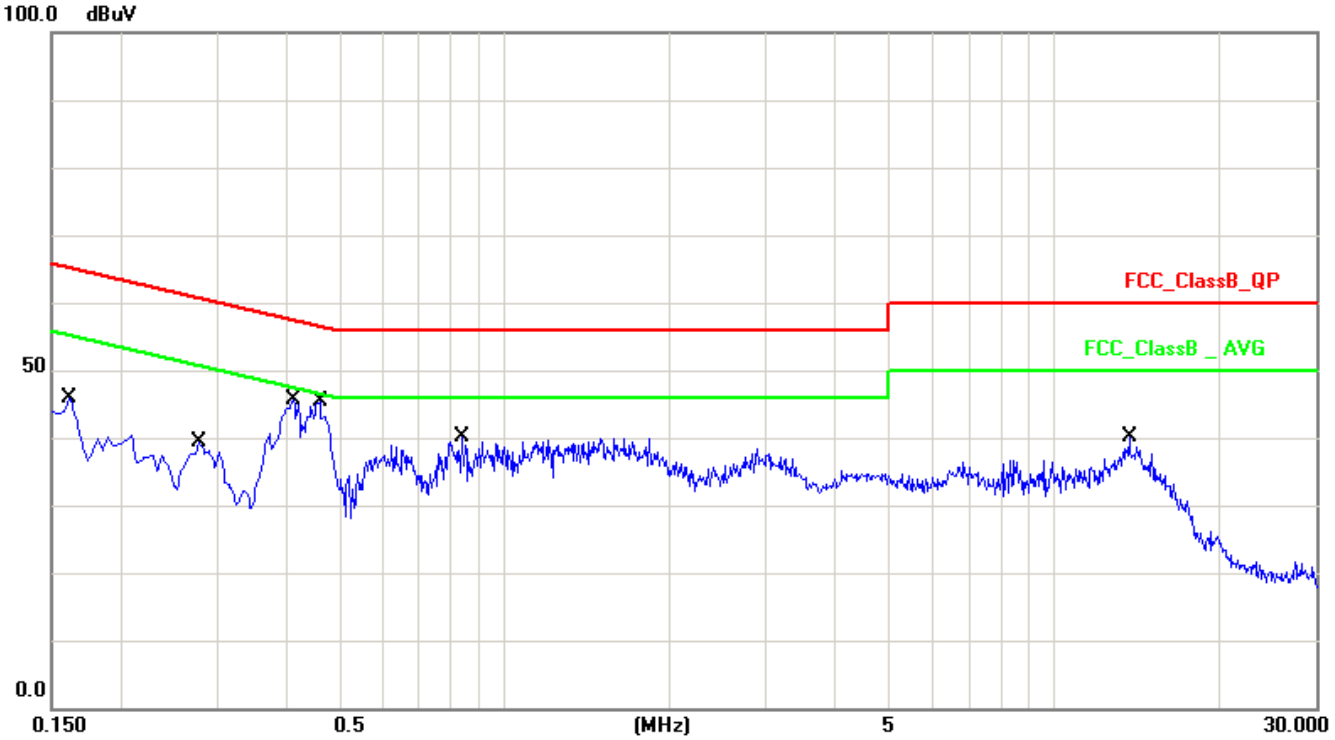
Test Mode :	Mode 1: Normal Operation with WIFI on		
AC Power :	AC 120V/60Hz	Phase:	LINE
Temperature :	26°C	Humidity:	60%
Pressure(mbar) :	1002	Date:	2017/06/11



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1660	10.13	34.02	44.15	65.15	-21.00	QP
2	0.1660	10.13	22.30	32.43	55.15	-22.72	AVG
3	0.2620	10.13	30.85	40.98	61.36	-20.38	QP
4	0.2620	10.13	20.45	30.58	51.36	-20.78	AVG
5	0.3860	10.15	35.01	45.16	58.15	-12.99	QP
6	0.3860	10.15	24.27	34.42	48.15	-13.73	AVG
7	0.4540	10.16	35.01	45.17	56.80	-11.63	QP
8	0.4540	10.16	25.62	35.78	46.80	-11.02	AVG
9	0.8820	10.15	30.68	40.83	56.00	-15.17	QP
10	0.8820	10.15	20.40	30.55	46.00	-15.45	AVG
11	3.0940	10.19	28.43	38.62	56.00	-17.38	QP
12	3.0940	10.19	17.70	27.89	46.00	-18.11	AVG

Note: Measurement Level = Reading Level + Correct Factor

Test Mode :	Mode 1: Normal Operation with WIFI on		
AC Power :	AC 120V/60Hz	Phase :	NEUTRAL
Temperature :	26˚C	Humidity :	60%
Pressure(mbar) :	1002	Date:	2017/06/11



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1620	10.13	26.47	36.60	65.36	-28.76	QP
2	0.1620	10.13	14.72	24.85	55.36	-30.51	AVG
3	0.2779	10.14	23.62	33.76	60.88	-27.12	QP
4	0.2779	10.14	14.90	25.04	50.88	-25.84	AVG
5	0.4140	10.15	31.61	41.76	57.57	-15.81	QP
6	0.4140	10.15	24.13	34.28	47.57	-13.29	AVG
7	0.4620	10.15	29.44	39.59	56.66	-17.07	QP
8	0.4620	10.15	21.47	31.62	46.66	-15.04	AVG
9	0.8380	10.16	24.51	34.67	56.00	-21.33	QP
10	0.8380	10.16	15.70	25.86	46.00	-20.14	AVG
11	13.7460	10.46	21.09	31.55	60.00	-28.45	QP
12	13.7460	10.46	7.56	18.02	50.00	-31.98	AVG

Note: Measurement Level = Reading Level + Correct Factor

5. Radiated Emission Measurement

5.1 Test Limit

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. If the transmitter measurement is based on the maximum conducted output power, the attenuation required under this paragraph shall be 30dB instead of 20dB. In addition, radiated emissions which fall in section 15.205(a) the restricted bands must also comply with the radiated emission limit specified in section 15.209(a).

FCC Part 15 Subpart C Paragraph 15.209		
FREQUENCIES (MHz)	**FIELD STRENGTH (micro volts/meter)**	**MEASUREMENT DISTANCE (meters)**
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note 1: The lower limit shall apply at the transition frequency.
Note 2: Distance refers to the distance in meters between the measuring instrument Antenna and the closed point of any part of the device or system.
Note 3: E field strength (dBuV/m) = 20 log E field strength (uV/m)
Note 4: **Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permItted under other sections of this part, e.g., §§15.231 and 15.241.

5.2 Test Standard

KDB 558074 D01v04 - Section 12.2.3 (quasi-peak measurements)
KDB 558074 D01v04 - Section 12.2.4 (peak power measurements)
KDB 558074 D01v04 - Section 12.2.5 (average power measurements)

5.3 Test Procedures

Quasi-Peak Field Strength Measurements:

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak Field Strength Measurements:

Analyzer center frequen was set to the frequency of the radiated spurious emission of interest

1. RBW=As specified in Table 1
2. VBW=3×RBW
3. Detector=Peak
4. Trace mode=Max hold
5. Sweep time=Auto couple
6. Allow the trace to stabilize

Table 1-RBW as a function of frequency

Frequency	RBW
9 ~ 150kHz	200 ~ 300Hz
0.15 ~ 30MHz	9 ~ 10kHz
30 ~ 1000MHz	100 ~ 120kHz
＞ 1000MHz	1MHz

AVE Field Strength Measurements:

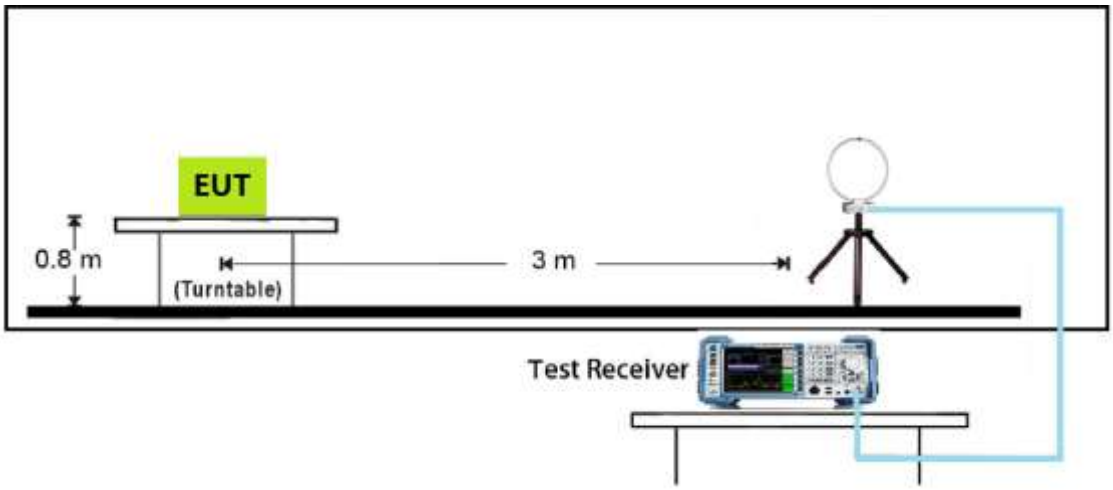
Analyzer center frequen was set to the frequency of the radiated spurious emission of interest

1. RBW= 1MHz
2. VBW≥1/T
3. Detector=Peak
4. Trace mode=Max hold
5. Sweep time=Auto couple
6. Allow max hold to run for at least 50 times(1/duty cycle) trace

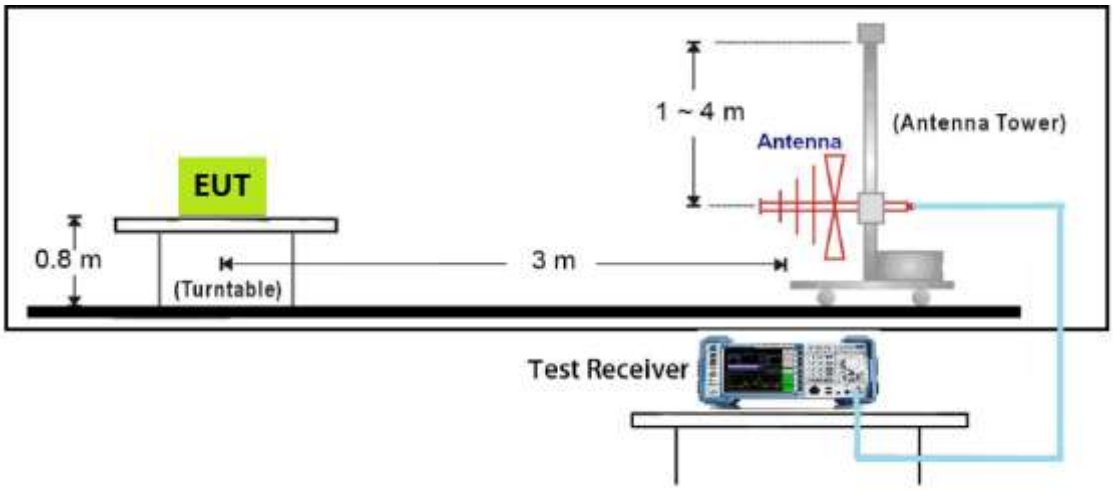
Do as an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode

5.4 Test Setup Layout

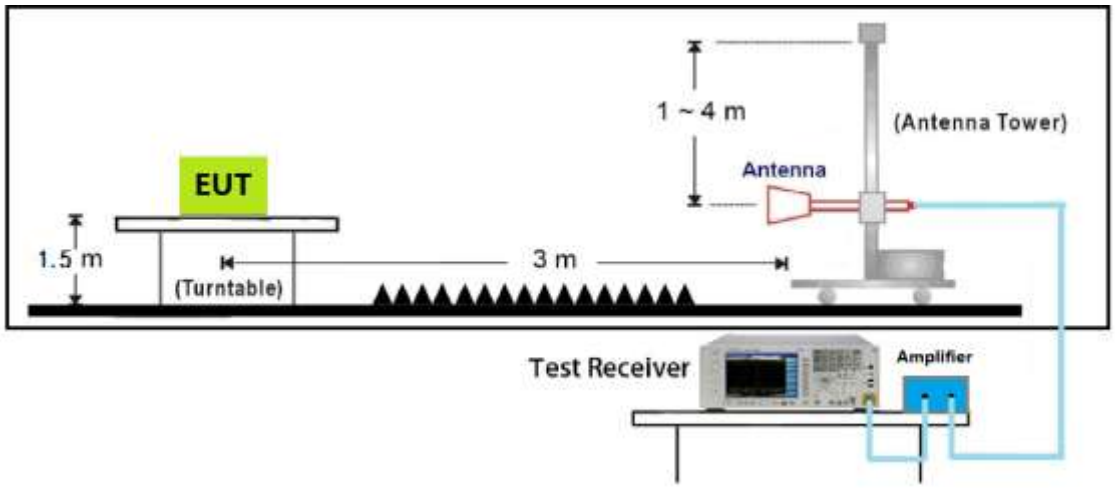
9kHz~30MHz Test Setup



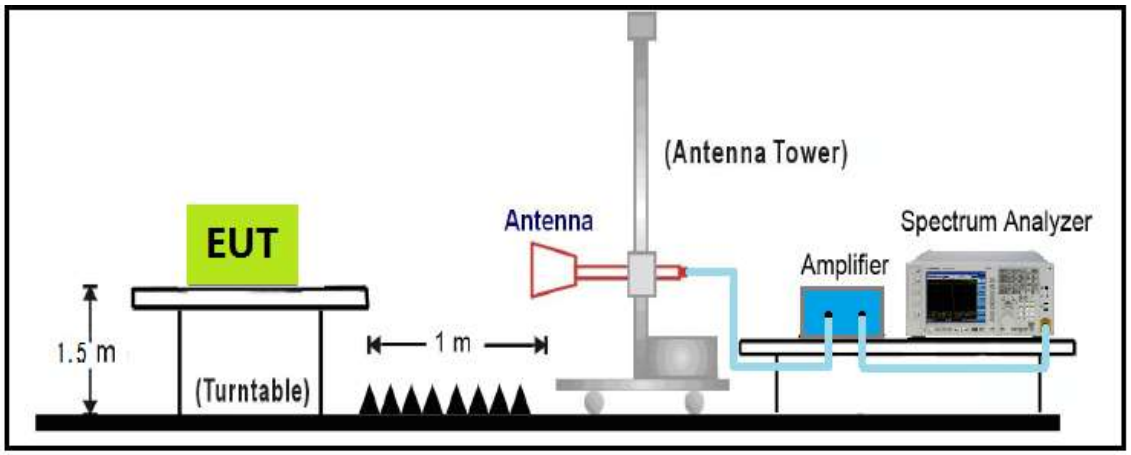
30MHz~1GHz Test Setup



1GHz~18GHz Test Setup



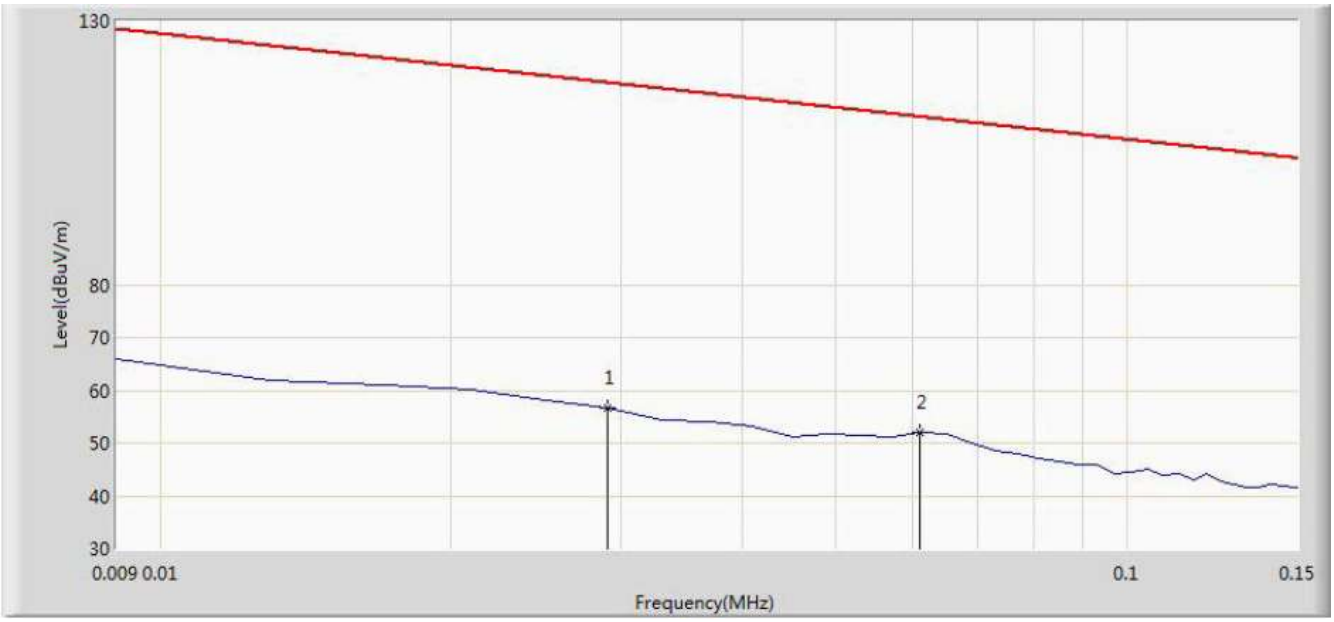
18GHz~40GHz Test Setup



5.5 Test Result

The worst case of Radiated Emission below 1GHz:

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HFH2-Z2 (9KHz-30MHz)	Polarity: Face on
EUT: iflytek translating machine	Power: 220V/60HZ AC 120V/60Hz
Note: There is the ambient noise within frequency range 9KHz-150KHz	

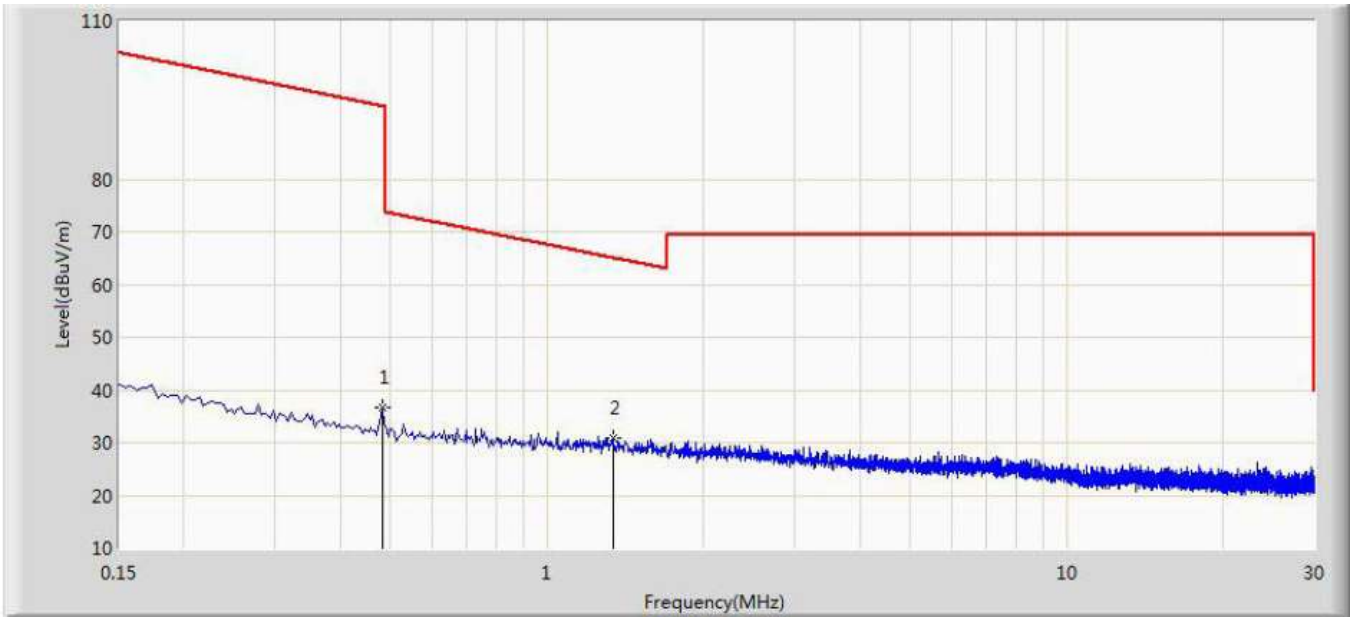


No.	Frequency (MHz)	Level (dBuV/m)	Reading (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Det.
1	0.029	58.574	37.548	-59.768	118.342	21.026	QP
2	0.061	53.064	32.527	-58.823	111.887	20.537	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor(dB).

Factor (dB)=Cable Loss(dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain(dB)

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: HFH2-Z2 (9KHz-30MHz)	Polarity: Face on
EUT: iflytek translating machine	Power: 220V/60HZ AC 120V/60Hz
Note: There is the ambient noise within frequency range 150KHz-30MHz	

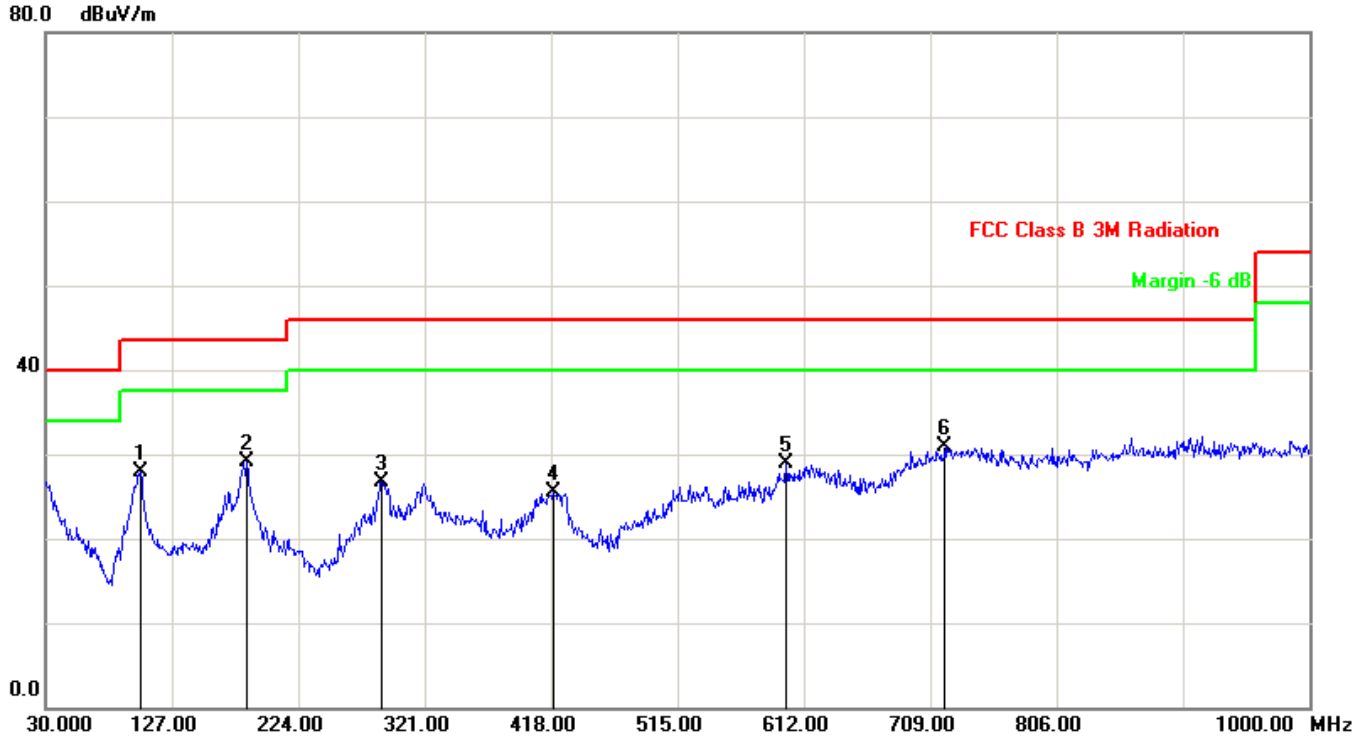


No.	Frequency (MHz)	Level (dBuV/m)	Reading (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Det.
1	0.482	37.942	17.537	-56.001	93.943	20.405	QP
2	1.338	33.136	12.683	-31.963	65.099	20.453	QP

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor(dB).

Factor (dB)=Cable Loss(dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain(dB)

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: CBL6112D (30-1000MHz)	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ AC 120V/60Hz
Note: Mode1: Transmit at channel 2412MHz by 802.11b	

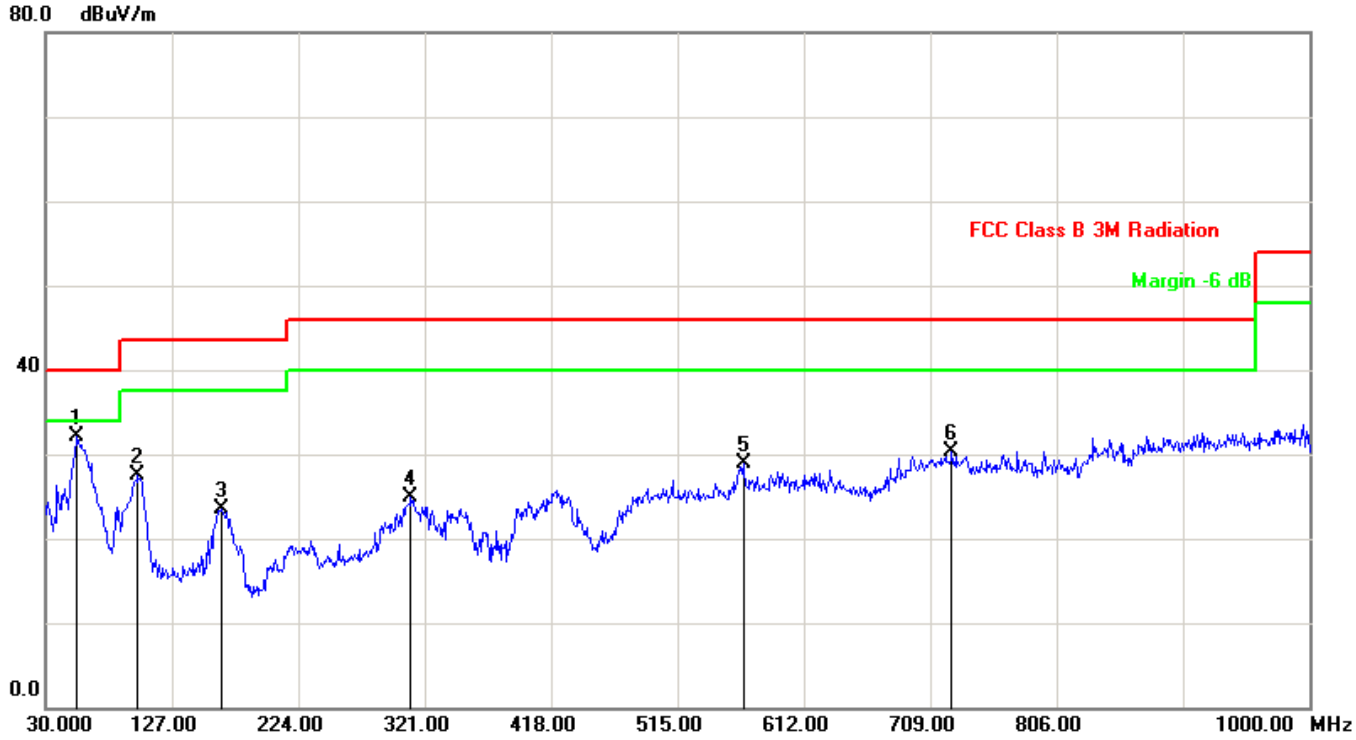


No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	102.7500	-12.79	40.72	27.93	43.50	-15.57	peak
2	184.2298	-12.61	41.72	29.11	43.50	-14.39	peak
3	288.0199	-8.70	35.48	26.78	46.00	-19.22	peak
4	419.9399	-3.29	28.88	25.59	46.00	-20.41	peak
5	598.4198	-2.01	31.00	28.99	46.00	-17.01	peak
6	720.6399	1.39	29.51	30.90	46.00	-15.10	peak

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor(dB).

Factor (dB)=Cable Loss(dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain(dB)

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: CBL6112D (30-1000MHz)	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ AC 120V/60Hz
Note: Mode1: Transmit at channel 2402MHz by DH5	



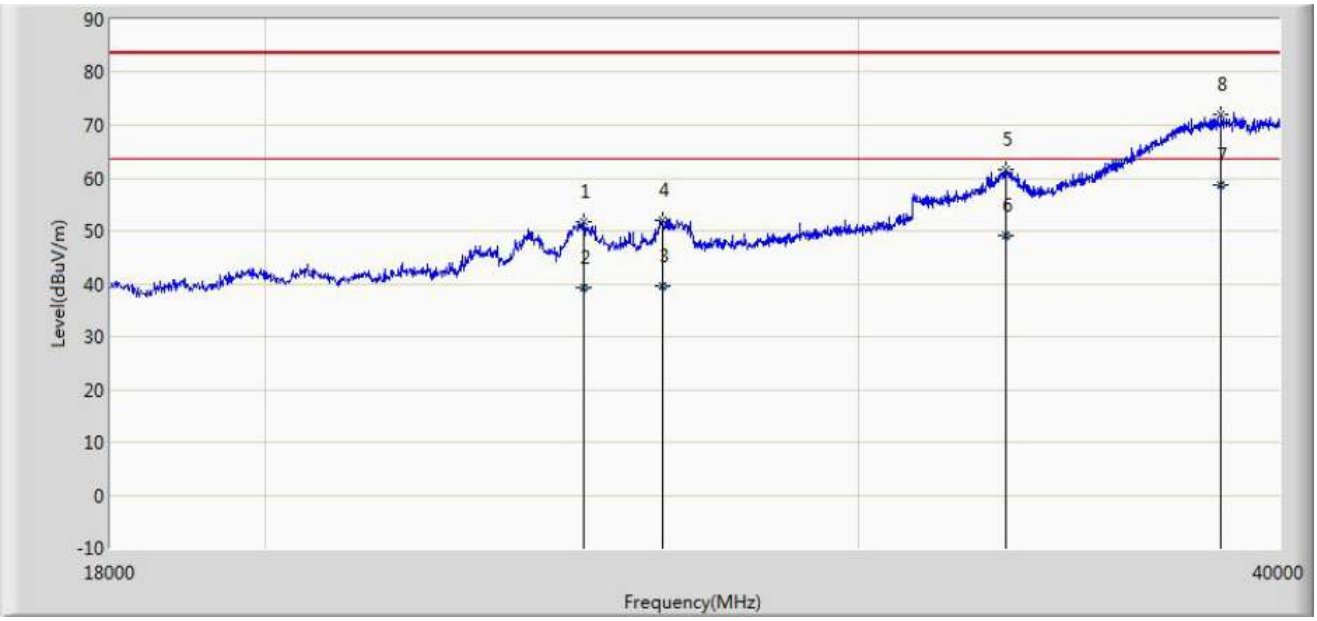
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	54.2500	-11.69	43.87	32.18	40.00	-7.82	peak
2	100.8100	-12.79	40.20	27.41	43.50	-16.09	peak
3	164.8300	-12.52	36.02	23.50	43.50	-20.00	peak
4	310.3299	-7.23	32.17	24.94	46.00	-21.06	peak
5	565.4400	-3.11	32.10	28.99	46.00	-17.01	peak
6	725.4900	1.45	28.91	30.36	46.00	-15.64	peak

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor(dB).

Factor (dB)=Cable Loss(dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain(dB)

Radiated Emission above 1GHz:

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170 (18GHz-40GHz)	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz-40GHz	



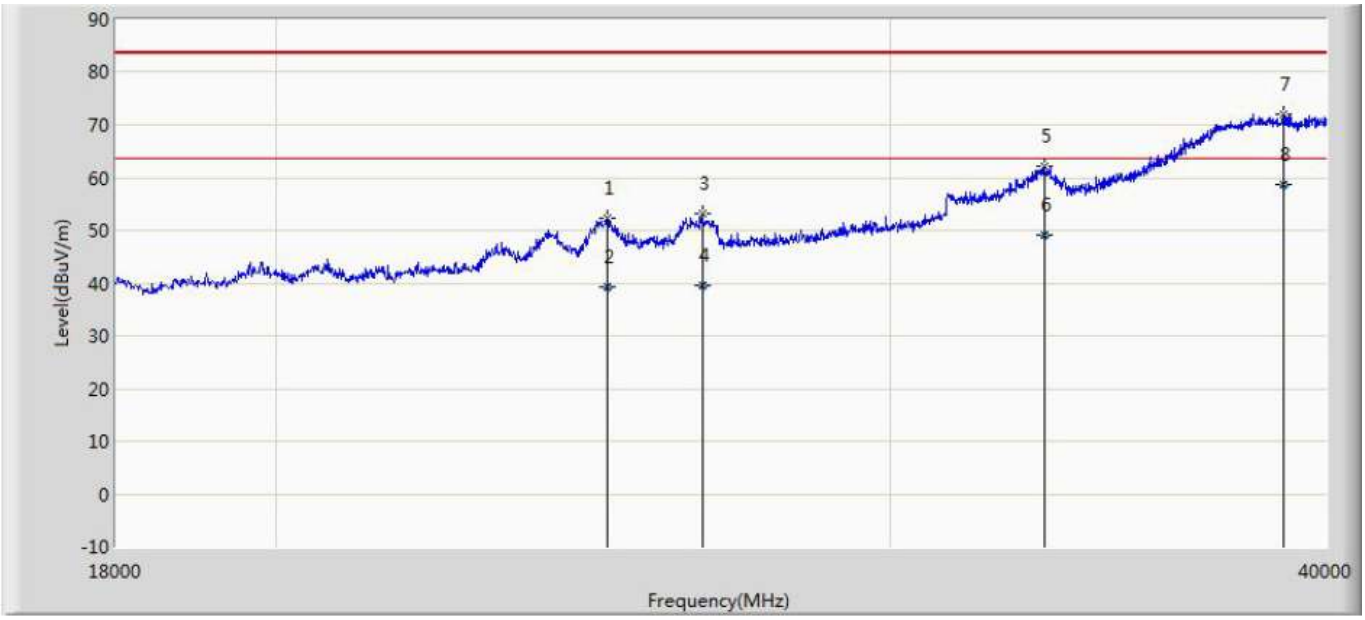
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		24864.000	51.876	37.101	-31.624	83.500	14.775	PK
2		24864.088	39.255	24.480	-24.245	63.500	14.775	AV
3		26260.988	39.509	24.090	-23.991	63.500	15.419	AV
4		26261.000	51.996	36.577	-31.504	83.500	15.419	PK
5		33180.000	61.501	39.980	-21.999	83.500	21.521	PK
6		33180.363	49.081	27.560	-14.419	63.500	21.521	AV
7	*	38437.980	58.563	31.230	-4.937	63.500	27.333	AV
8		38438.000	72.071	44.738	-11.429	83.500	27.333	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor(dB).

Factor (dB)=Cable Loss(dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain(dB)

Limit@1m = 20*Log(500uV/m) + 20*Log(3m/1m) = 63.5dBμv/m (Average detector), and 83.5dBμv/m (Peak detector).

Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170 (18GHz-40GHz)	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz-40GHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		24886.000	52.363	37.578	-31.137	83.500	14.785	PK
2		24886.970	39.274	24.489	-24.226	63.500	14.785	AV
3		26503.000	53.267	37.247	-30.233	83.500	16.020	PK
4		26503.877	39.632	23.610	-23.868	63.500	16.022	AV
5		33213.000	62.169	40.632	-21.331	83.500	21.538	PK
6		33213.989	49.128	27.590	-14.372	63.500	21.538	AV
7		38900.000	72.136	44.251	-11.364	83.500	27.885	PK
8	*	38900.756	58.755	30.870	-4.745	63.500	27.885	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor(dB).

Factor (dB)=Cable Loss(dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain(dB)

Limit@1m = 20*Log(500uV/m) + 20*Log(3m/1m) = 63.5dBμv/m (Average detector), and 83.5dBμv/m (Peak detector).

Mode1: Transmit by 802.11b

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
802.11b	1	H	4824.0	28.8	8.0	36.8	54(note3)	-17.2	PK
		H	7236.0	25.6	10.6	36.2	54(note3)	-17.8	PK
		V	4824.0	29.7	7.9	37.6	54(note3)	-16.4	PK
		V	7236.0	25.6	10.6	36.2	54(note3)	-17.8	PK
	6	H	4874.0	29.1	8.0	37.1	54(note3)	-16.9	PK
		H	7311.0	26.5	10.8	37.3	54(note3)	-16.7	PK
		V	9748.0	26.5	12.7	39.2	54(note3)	-14.8	PK
		V	7311.0	26.2	10.8	37.0	54(note3)	-17.0	PK
	11	H	9748.0	25.7	12.8	38.5	54(note3)	-15.5	PK
		H	7386.0	28.0	10.9	38.9	54(note3)	-15.1	PK
		V	9848.0	26.4	12.9	39.3	54(note3)	-14.7	PK
		V	7386.0	27.2	10.9	38.1	54(note3)	-15.9	PK

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode2: Transmit by 802.11g

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
802.11g	1	H	4824.0	28.8	8.0	36.8	54(note3)	-17.2	PK
		H	7236.0	25.6	10.6	36.2	54(note3)	-17.8	PK
		V	4824.0	29.7	7.9	37.6	54(note3)	-16.4	PK
		V	7236.0	25.6	10.6	36.2	54(note3)	-17.8	PK
	6	H	4874.0	29.1	8.0	37.1	54(note3)	-16.9	PK
		H	7311.0	26.5	10.8	37.3	54(note3)	-16.7	PK
		V	9748.0	26.5	12.7	39.2	54(note3)	-14.8	PK
		V	7311.0	26.2	10.8	37.0	54(note3)	-17.0	PK
	11	H	9748.0	25.7	12.8	38.5	54(note3)	-15.5	PK
		H	7386.0	28.0	10.9	38.9	54(note3)	-15.1	PK
		V	9848.0	26.4	12.9	39.3	54(note3)	-14.7	PK
		V	7386.0	27.2	10.9	38.1	54(note3)	-15.9	PK

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode3: Transmit by 802.11n(20MHz)

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
802.11n(20MHz)	1	H	4824.0	28.8	8.0	36.8	54(note3)	-17.2	PK
		H	7236.0	25.6	10.6	36.2	54(note3)	-17.8	PK
		V	4824.0	29.7	7.9	37.6	54(note3)	-16.4	PK
		V	7236.0	25.6	10.6	36.2	54(note3)	-17.8	PK
	6	H	4874.0	29.1	8.0	37.1	54(note3)	-16.9	PK
		H	7311.0	26.5	10.8	37.3	54(note3)	-16.7	PK
		V	9748.0	26.5	12.7	39.2	54(note3)	-14.8	PK
		V	7311.0	26.2	10.8	37.0	54(note3)	-17.0	PK
	11	H	9748.0	25.7	12.8	38.5	54(note3)	-15.5	PK
		H	7386.0	28.0	10.9	38.9	54(note3)	-15.1	PK
		V	9848.0	26.4	12.9	39.3	54(note3)	-14.7	PK
		V	7386.0	27.2	10.9	38.1	54(note3)	-15.9	PK

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

Mode4: Transmit by 802.11n(40MHz)

Chain	CH	Antenna	Frequency (MHz)	Reading Level (dBuV/m)	Factor (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
802.11n(40MHz)	3	H	4824.0	28.8	8.0	36.8	54(note3)	-17.2	PK
		H	7236.0	25.6	10.6	36.2	54(note3)	-17.8	PK
		V	4824.0	29.7	7.9	37.6	54(note3)	-16.4	PK
		V	7236.0	25.6	10.6	36.2	54(note3)	-17.8	PK
	6	H	4874.0	29.1	8.0	37.1	54(note3)	-16.9	PK
		H	7311.0	26.5	10.8	37.3	54(note3)	-16.7	PK
		V	9748.0	26.5	12.7	39.2	54(note3)	-14.8	PK
		V	7311.0	26.2	10.8	37.0	54(note3)	-17.0	PK
	9	H	9748.0	25.7	12.8	38.5	54(note3)	-15.5	PK
		H	7386.0	28.0	10.9	38.9	54(note3)	-15.1	PK
		V	9848.0	26.4	12.9	39.3	54(note3)	-14.7	PK
		V	7386.0	27.2	10.9	38.1	54(note3)	-15.9	PK

Note: 1. Measure Level = Reading Level + Factor.

2. The test trace is same as the ambient noise (the test frequency range: 9kHz~30MHz, 18GHz~25GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

6. 6dB Bandwidth Measurement

6.1 Test Limit

According to FCC part15.247 - Section (a)(2), the minimum 6dB bandwidth shall be at least 500 kHz.

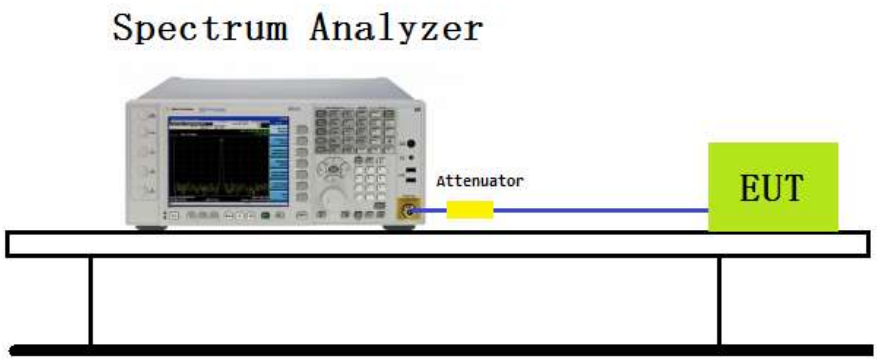
6.2 Test Standard

KDB 558074 D01v04 – Section 8.2 Option 2

6.3 Test Procedures

1. Set RBW=100KHz
2. VBW≥3×RBW
3. Detector=Peak
4. Trace mode=Max hold
5. Sweep time=Auto couple
6. Allow the trace to stabilize
7. The Spectrum's automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to X = 6. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.

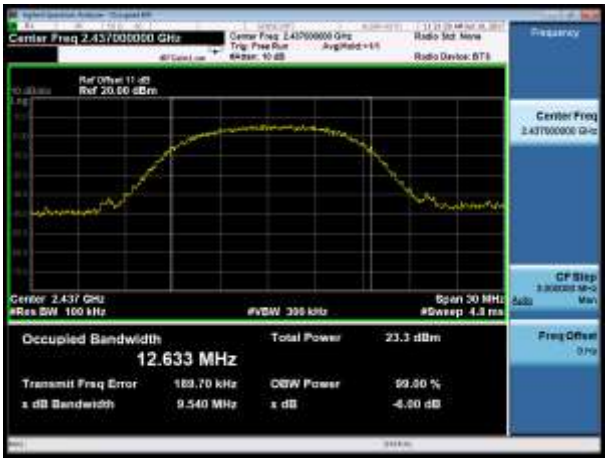
6.4 Test Setup Layout



6.5 Test Result

Test Item	Occupied Bandwidth
Test Mode	Mode 1: Transmit by 802.11b

Channel No.	Frequency(MHz)	6dB Bandwidth(MHz)	99% Bandwidth(MHz)
1	2412	9.962	12.412
6	2437	9.540	12.633
11	2462	9.179	12.314

Channel 1 (2412MHz)	Channel 6 (2437MHz)
	
Channel 11 (2462MHz)	
	

Test Item	Occupied Bandwidth
Test Mode	Mode 2: Transmit by 802.11g

Channel No.	Frequency(MHz)	6dB Bandwidth(MHz)	99% Bandwidth(MHz)
1	2412	15.78	16.327
6	2437	16.16	16.395
11	2462	15.79	16.330

Channel 1 (2412MHz)	Channel 6 (2437MHz)
	
Channel 11 (2462MHz)	
	

Test Item	Occupied Bandwidth
Test Mode	Mode 3: Transmit by 802.11n(20MHz)

Channel No.	Frequency(MHz)	6dB Bandwidth(MHz)	99% Bandwidth(MHz)
1	2412	16.38	17.515
6	2437	17.31	17.577
11	2462	16.39	17.492

Channel 1 (2412MHz)

Channel 6 (2437MHz)

Channel 11 (2462MHz)

Test Item	Occupied Bandwidth
Test Mode	Mode 4: Transmit by 802.11n(40MHz)

Channel No.	Frequency(MHz)	6dB Bandwidth(MHz)	99% Bandwidth(MHz)
3	2422	35.82	35.994
6	2437	35.72	35.958
9	2452	28.86	35.316

Channel 3 (2422MHz)

Channel 6 (2437MHz)

Channel 9 (2452MHz)

7. Output Power Measurement

7.1 Test Limit

According to FCC part15.247 (b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

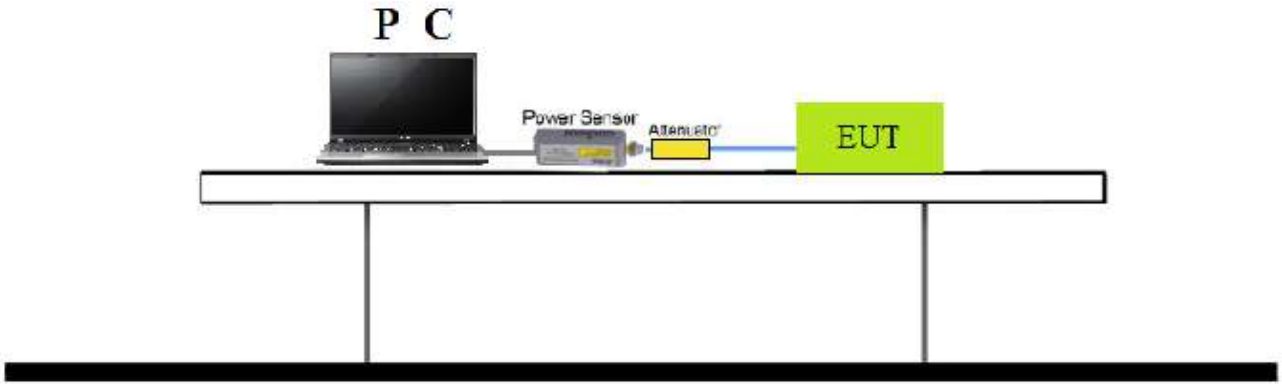
7.2 Test Standard

KDB 558074 D01v04 - Section 9.1.2 PKPM1 Peak Power Method (for signals with BW ≤50MHz)

7.3 Test Procedures

Out power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The pulse sensor employs a VBW = 50MHz so this method was only used for signals whose DTS bandwidth was less than or equal to 50MHz.

7.4 Test Setup Layout



7.5 Test Result

For Peak Power :

Test Mode	Channel No.	Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)	Result
802.11b	1	2412	18.05	30	Pass
	6	2437	17.58	30	Pass
	11	2462	17.69	30	Pass
802.11g	1	2412	22.43	30	Pass
	6	2437	21.86	30	Pass
	11	2462	22.56	30	Pass
802.11n(20MHz)	1	2412	22.23	30	Pass
	6	2437	21.86	30	Pass
	11	2462	22.49	30	Pass
802.11n(40MHz)	3	2422	21.98	30	Pass
	6	2437	21.77	30	Pass
	9	2452	22.52	30	Pass

For Average Power :

Test Mode	Channel No.	Frequency (MHz)	Average Output Power (dBm)	Limit (dBm)	Result
802.11b	1	2412	15.02	30	Pass
	6	2437	14.55	30	Pass
	11	2462	14.56	30	Pass
802.11g	1	2412	10.25	30	Pass
	6	2437	11.39	30	Pass
	11	2462	11.83	30	Pass
802.11n(20MHz)	1	2412	10.41	30	Pass
	6	2437	10.88	30	Pass
	11	2462	11.35	30	Pass
802.11n(40MHz)	3	2422	9.32	30	Pass
	6	2437	9.15	30	Pass
	9	2452	9.47	30	Pass

8. Power Spectral Density Measurement

8.1 Test Limit

According to FCC part15.247 - Section (e), for digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

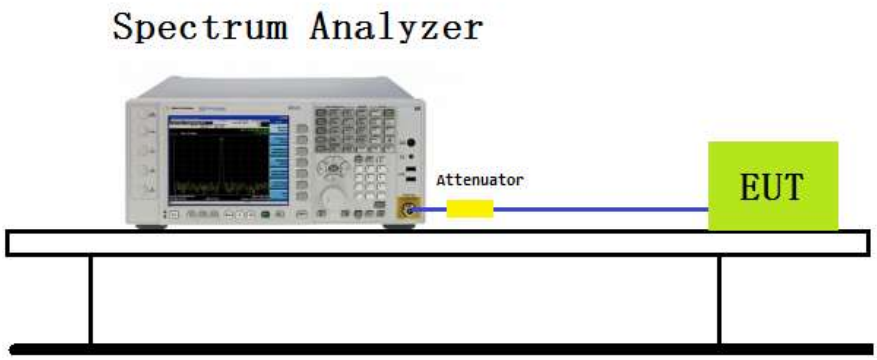
8.2 Test Standard

KDB 558074 D01v04 - Section 10.2 Method PKPSD

8.3 Test Procedures

1. Set RBW=3kHz
2. Set RBW=10kHz
3. Span = 1.5 times the DTS channel bandwidth
4. Detector=Peak
5. Trace mode=Max hold
6. Sweep time=Auto couple
7. Allow the trace to stabilize
8. Analyzer was set to the center frequency of the DTS channel under investigation.

8.4 Test Setup Layout



8.5 Test Result

Test Item	Power Spectral Density
Test Mode	Mode 1: Transmit by 802.11b

Channel No.	Frequency(MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-7.454	8	Pass
6	2437	-9.516	8	Pass
11	2462	-8.512	8	Pass

Channel 1 (2412MHz)	Channel 6 (2437MHz)
	
Channel 11 (2462MHz)	
	

Test Item	Power Spectral Density
Test Mode	Mode 2: Transmit by 802.11g

Channel No.	Frequency(MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-13.911	8	Pass
6	2437	-13.575	8	Pass
11	2462	-12.445	8	Pass

Channel 1 (2412MHz)

Channel 6 (2437MHz)

Channel 11 (2462MHz)

Test Item	Power Spectral Density
Test Mode	Mode 3: Transmit by 802.11n(20MHz)

Channel No.	Frequency(MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	2412	-14.401	8	Pass
6	2437	-12.159	8	Pass
11	2462	-13.119	8	Pass

Channel 1 (2412MHz)

Channel 6 (2437MHz)

Channel 11 (2462MHz)

Test Item	Power Spectral Density
Test Mode	Mode 4: Transmit by 802.11n(40MHz)

Channel No.	Frequency(MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
3	2422	-16.173	8	Pass
6	2437	-15.743	8	Pass
9	2452	-14.496	8	Pass

Channel 3 (2422MHz)

Channel 6 (2437MHz)

Channel 9 (2452MHz)

9. Conducted Band Edge and Out-of-Band Emissions Measurement

9.1 Test Limit

According to FCC part 15.247(d) , in any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) of FCC part 15 is not required.

9.2 Test Standard

KDB 558074 D01v04 - Section 11.2 & Section 11.3

9.3 Test Procedures

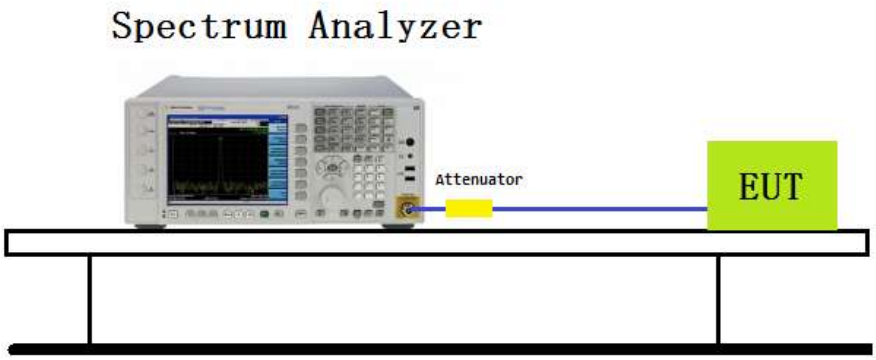
Reference level measurement:

1. Set the RBW = 100 kHz
2. Set the VBW ≥ 3 x RBW
3. Set the span to ≥ 1.5 times the DTS bandwidth
4. Detector = peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. Allow trace to fully stabilize
8. Set instrument center frequency to DTS channel center frequency

Emission level measurement:

1. RBW = 100kHz
2. VBW = 300kHz
3. Detector = Peak
4. Trace mode = max hold
5. Sweep time = auto couple
6. The trace was allowed to stabilize
7. Set the center frequency and span to encompass frequency range to be measured

9.4 Test Setup Layout



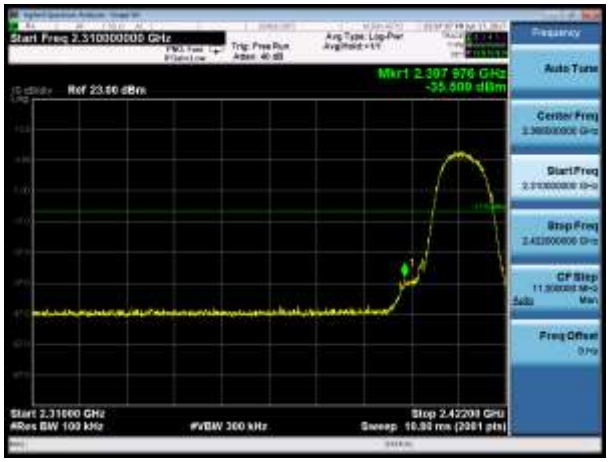
9.5 Test Result

The worst case of Conducted Band Edge and Out-of-Band Emissions:

Test Mode	Channel No.	Frequency (MHz)	Limit	Result
802.11b	1	2412	20dBc	Pass
	6	2437	20dBc	Pass
	11	2462	20dBc	Pass
802.11g	1	2412	20dBc	Pass
	6	2437	20dBc	Pass
	11	2462	20dBc	Pass
802.11n(20MHz)	1	2412	20dBc	Pass
	6	2437	20dBc	Pass
	11	2462	20dBc	Pass
802.11n(40MHz)	3	2422	20dBc	Pass
	6	2437	20dBc	Pass
	9	2452	20dBc	Pass

Test Item	:	Conducted Band Edge and Out-of-Band Emissions
Test Mode	:	Mode 1: Transmit by 802.11b

Mode 1: Transmit by 802.11b (2412MHz)

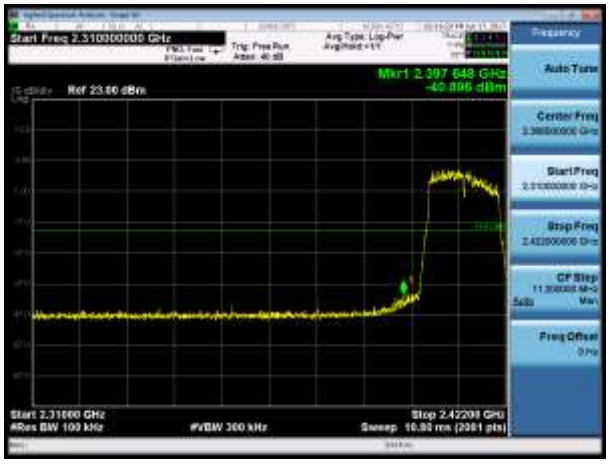


Mode 1: Transmit by 802.11b (2437MHz)

Mode 1: Transmit by 802.11b (2462MHz)

Test Item	:	Band-edge Compliance & Conducted Spurious Emissions
Test Mode	:	Mode 2: Transmit by 802.11g

Mode 2: Transmit by 802.11g (2412MHz)

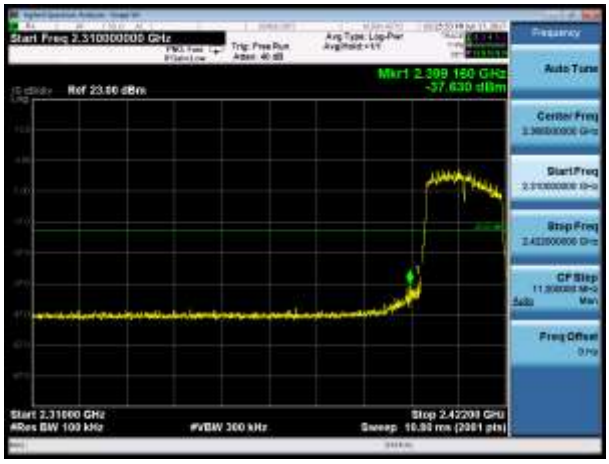


Mode 2: Transmit by 802.11g (2437MHz)

Mode 2: Transmit by 802.11g (2462MHz)

Test Item	:	Band-edge Compliance & Conducted Spurious Emissions
Test Mode	:	Mode 3: Transmit by 802.11n(20MHz)

Mode 3: Transmit by 802.11n(20MHz) (2412MHz)



Mode 3: Transmit by 802.11n(20MHz) (2437MHz)

Mode 3: Transmit by 802.11n(20MHz) (2462MHz)

Test Item	:	Band-edge Compliance & Conducted Spurious Emissions
Test Mode	:	Mode 4: Transmit by 802.11n(40MHz)

Mode 4: Transmit by 802.11n(40MHz) (2422MHz)

Mode 4: Transmit by 802.11n(40MHz) (2437MHz)

Mode 4: Transmit by 802.11n(40MHz) (2452MHz)

10. Radiated Emission Band Edge Measurement

10.1 Test Limit

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a) of FCC part 15.

10.2Test Standard

ANSI C63.10-2013 Section 6.10.5

10.3 Test Procedure

Peak Field Strength Measurements:

Analyzer center frequen was set to the frequency of the radiated spurious emission of interest

7. RBW=As specified in Table 1
8. VBW=3×RBW
9. Detector=Peak
10. Trace mode=Max hold
11. Sweep time=Auto couple
12. Allow the trace to stabilize

Table 1-RBW as a function of frequency

Frequency	RBW
9 ~ 150kHz	200 ~ 300Hz
0.15 ~ 30MHz	9 ~ 10kHz
30 ~ 1000MHz	100 ~ 120kHz
＞ 1000MHz	1MHz

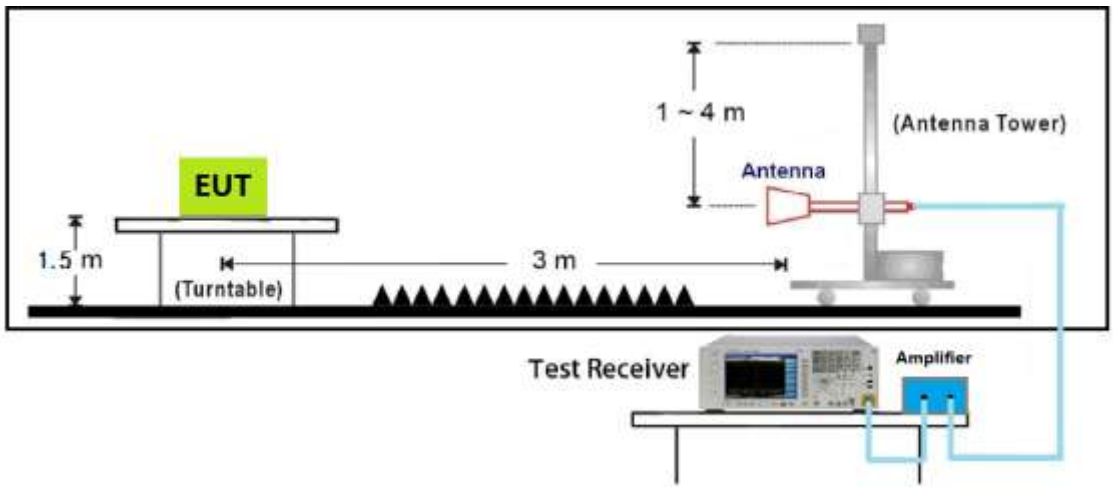
AVE Field Strength Measurements:

Analyzer center frequen was set to the frequency of the radiated spurious emission of interest

7. RBW= 1MHz
8. VBW≥1/T
9. Detector=Peak
10. Trace mode=Max hold
11. Sweep time=Auto couple
12. Allow max hold to run for at least 50 times(1/duty cycle) trace

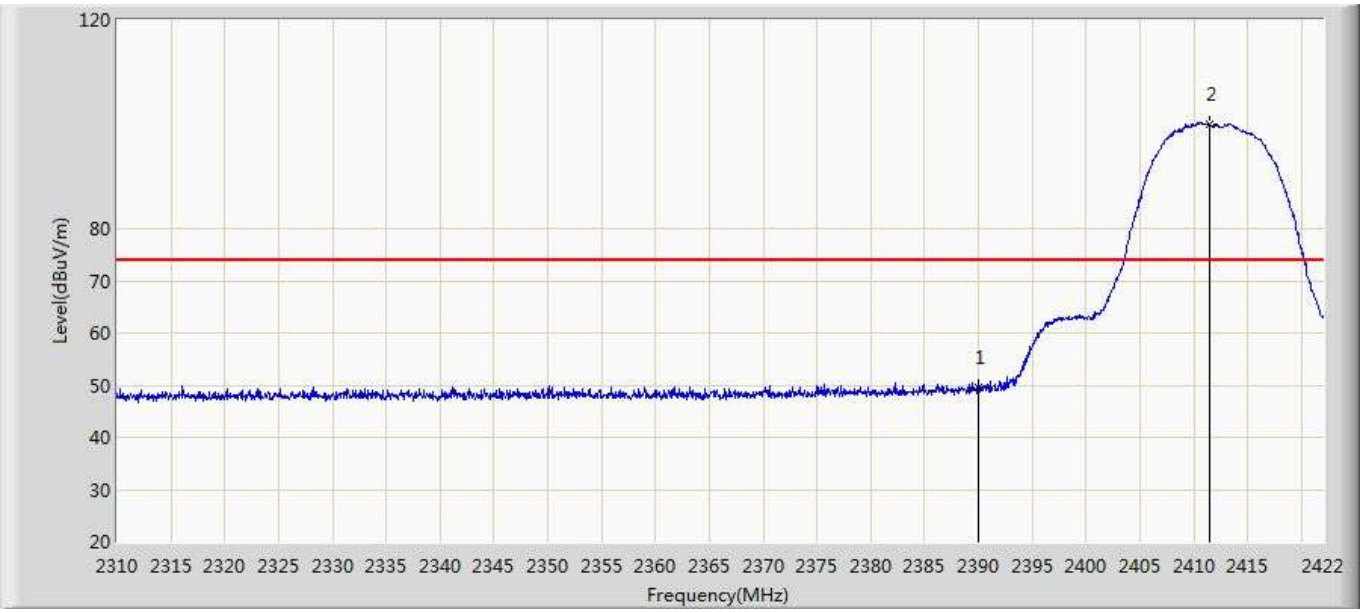
Do as an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode

10.4 Test Setup Layout



10.5 Test Result

Site: AC102	Time: 2017/05/28 - 09:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11b at 2412MHz	

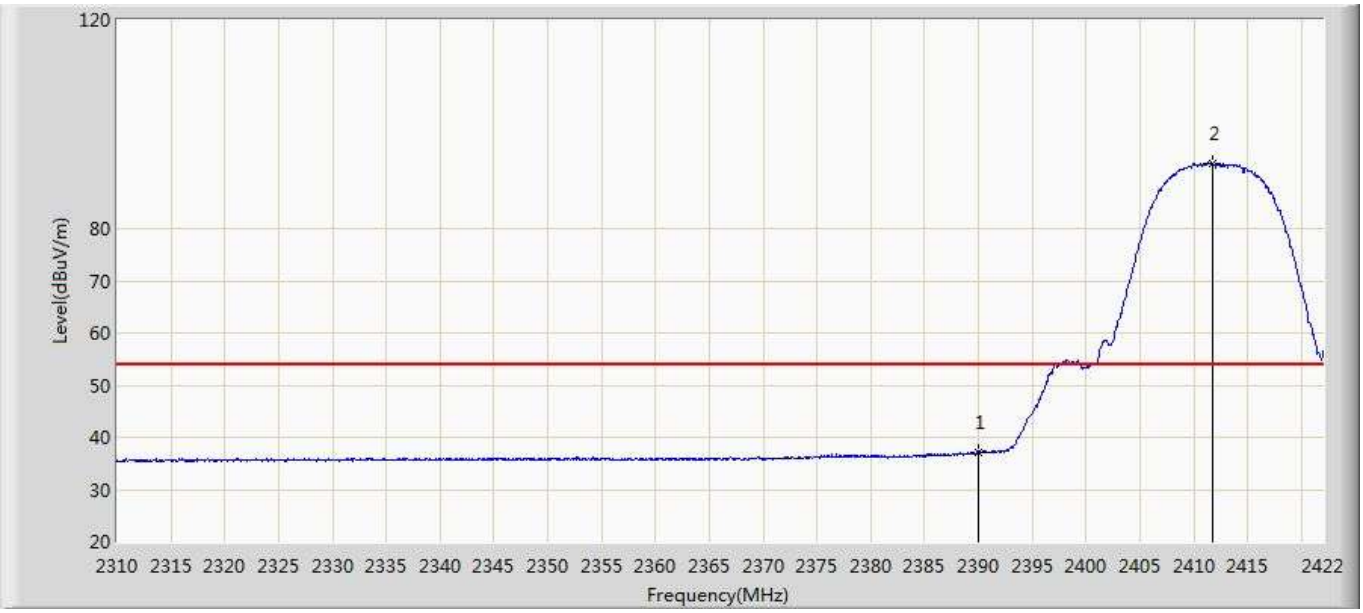


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	49.684	51.925	-24.316	74.000	-2.241	PK
2	*	2411.416	100.022	102.183	N/A	N/A	-2.161	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11b at 2412MHz	

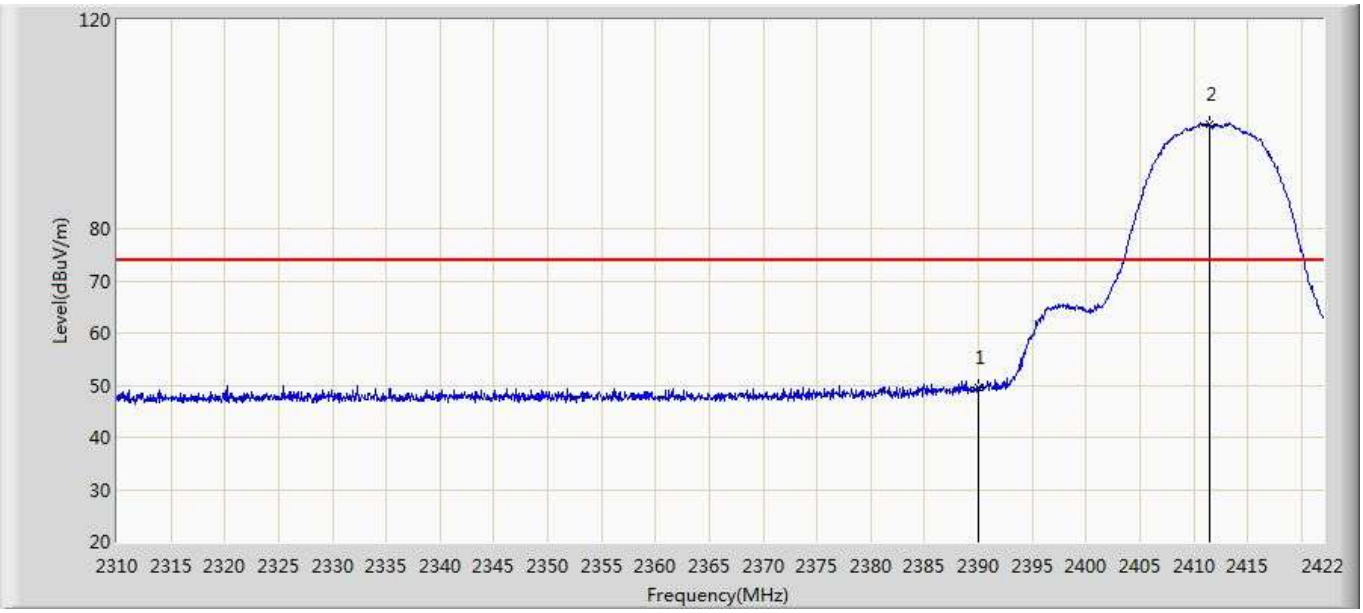


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	37.236	39.477	-16.764	54.000	-2.241	AV
2	*	2411.752	92.580	94.740	N/A	N/A	-2.160	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11b at 2412MHz	

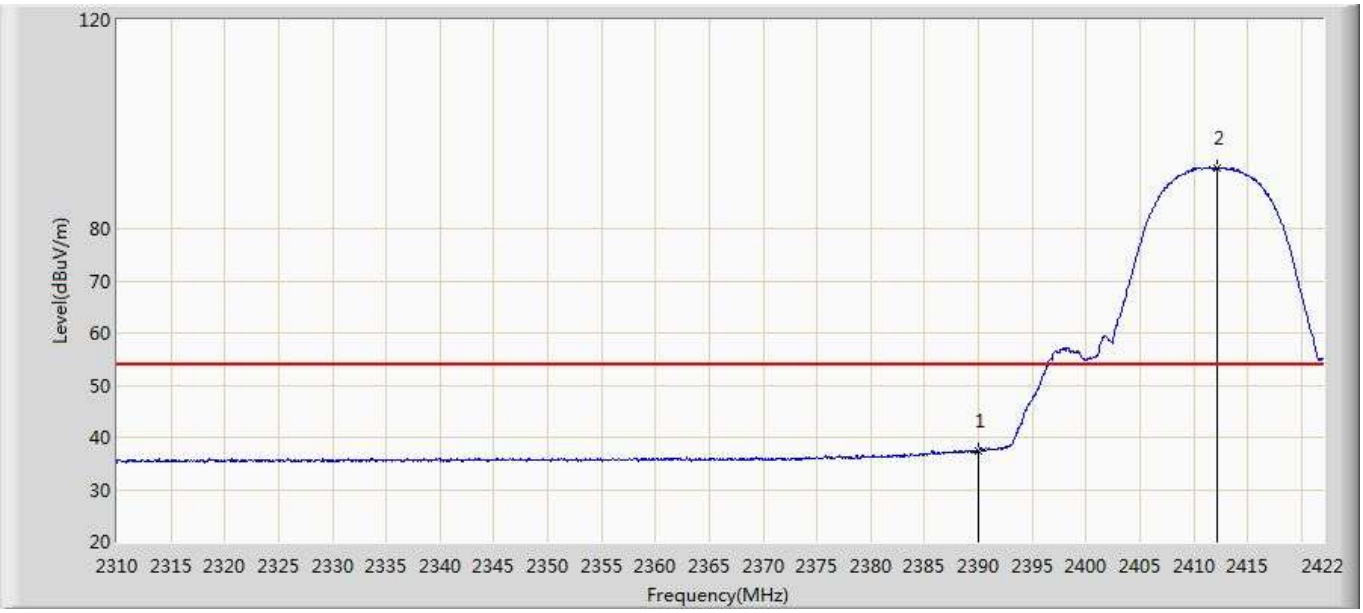


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	49.428	51.669	-24.572	74.000	-2.241	PK
2	*	2411.416	99.994	102.155	N/A	N/A	-2.161	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11b at 2412MHz	

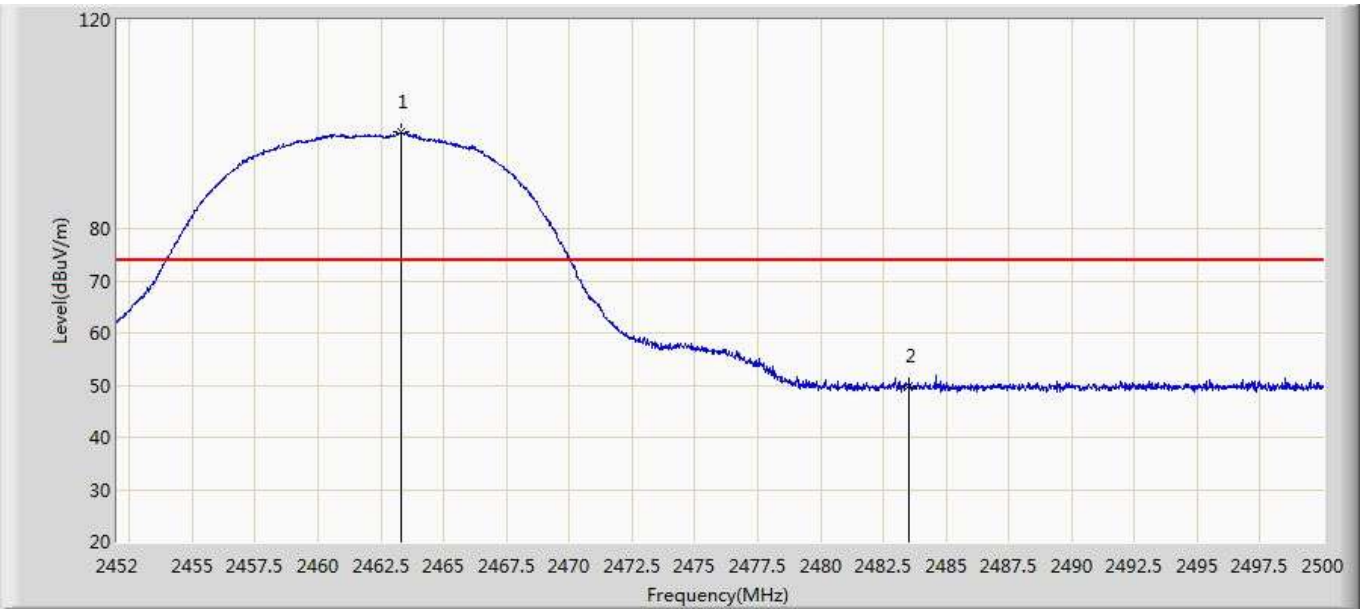


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	37.358	39.599	-16.642	54.000	-2.241	AV
2	*	2412.144	91.630	93.789	N/A	N/A	-2.159	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11b at 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.304	98.426	100.393	N/A	N/A	-1.967	PK
2		2483.500	49.797	51.689	-24.203	74.000	-1.892	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

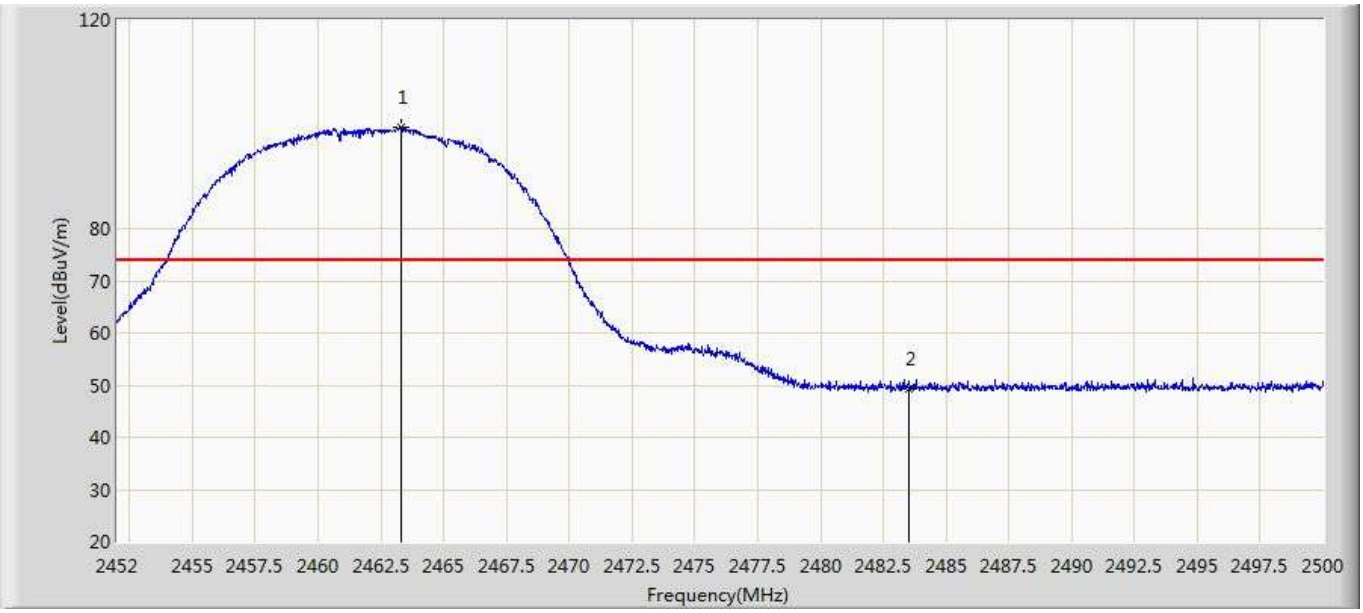
Site: AC102	Time: 2017/05/28 - 10:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11b at 2462MHz	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.344	89.966	91.937	N/A	N/A	-1.971	AV
2		2483.500	36.651	38.543	-17.349	54.000	-1.892	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11b at 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.304	99.376	101.343	N/A	N/A	-1.967	PK
2		2483.500	49.299	51.191	-24.701	74.000	-1.892	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

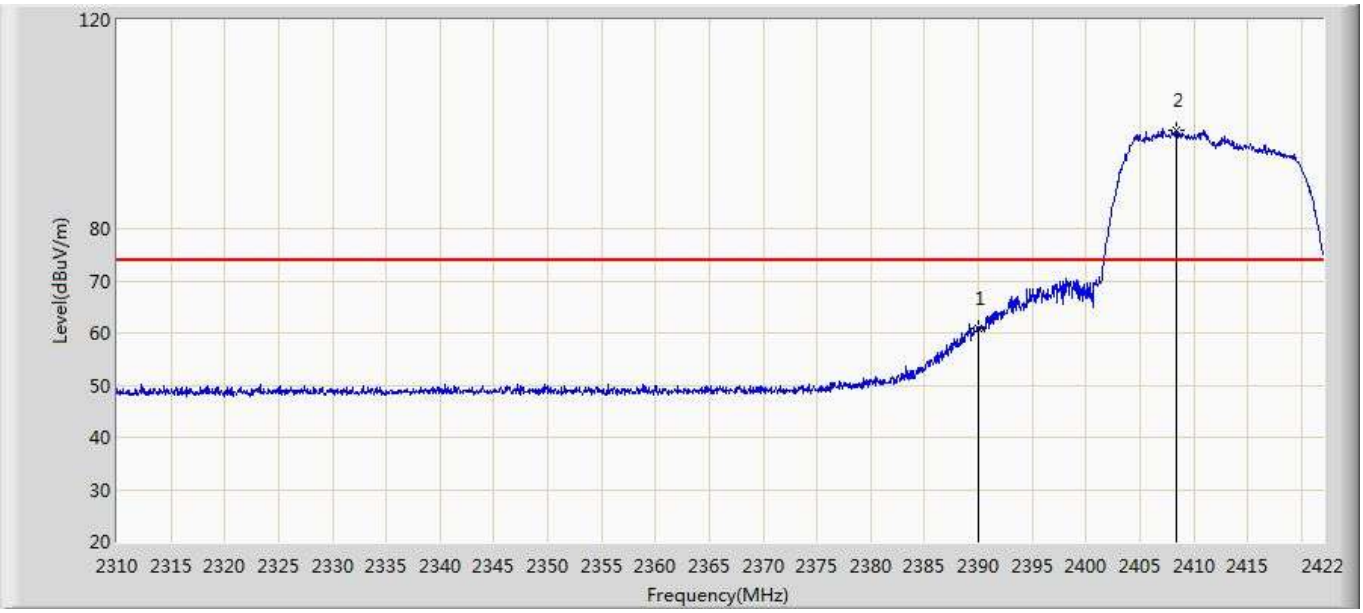
Site: AC102	Time: 2017/05/28 - 10:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11b at 2462MHz	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.416	88.869	90.839	N/A	N/A	-1.970	AV
2		2483.500	36.458	38.350	-17.542	54.000	-1.892	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11g at 2412MHz	

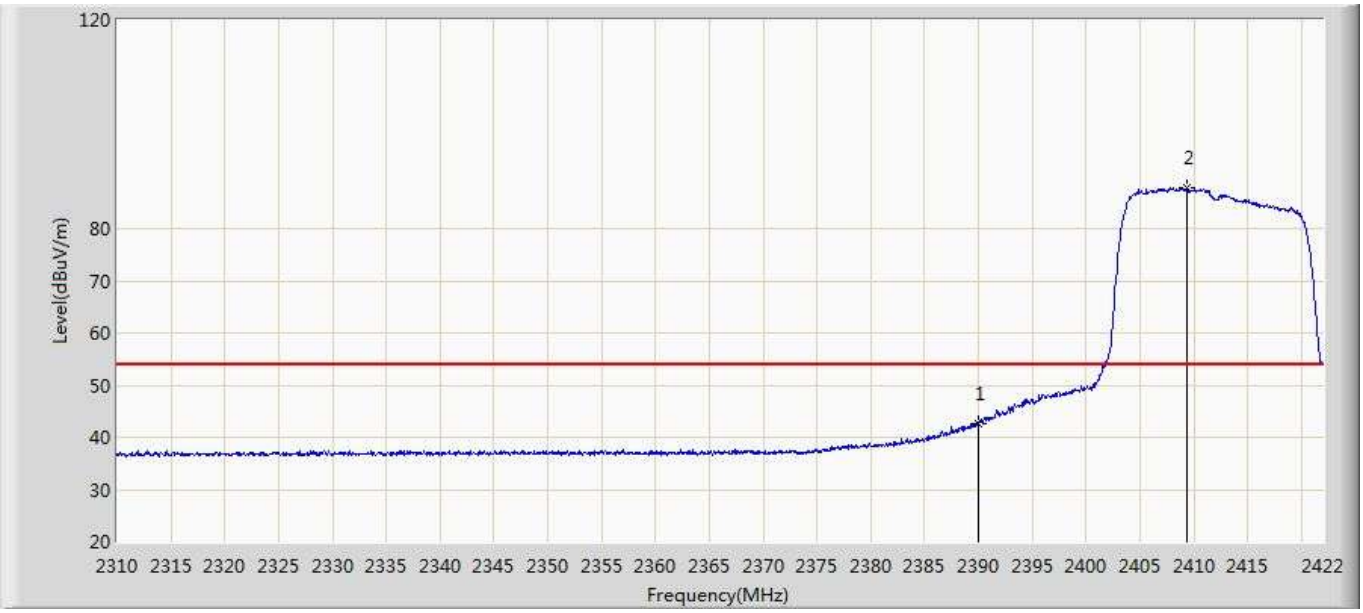


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	60.977	63.218	-13.023	74.000	-2.241	PK
2	*	2408.336	98.860	101.033	N/A	N/A	-2.173	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11g at 2412MHz	

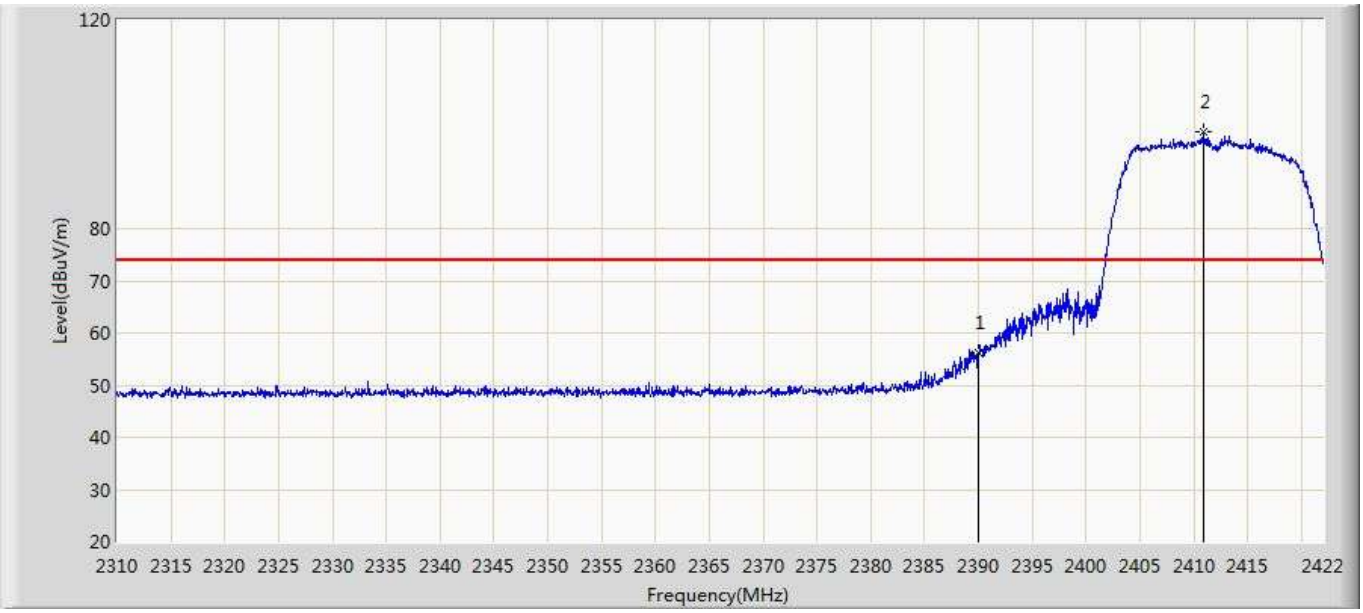


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	42.742	44.983	-11.258	54.000	-2.241	AV
2	*	2409.400	87.713	89.882	N/A	N/A	-2.169	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11g at 2412MHz	

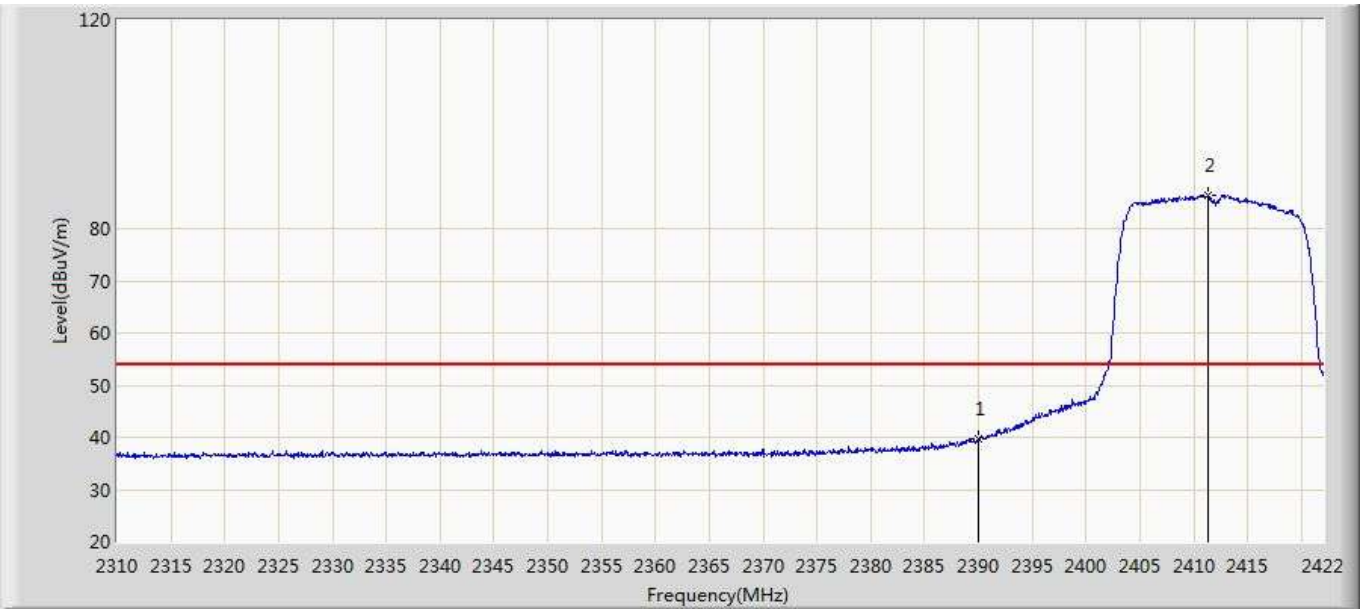


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	56.113	58.354	-17.887	74.000	-2.241	PK
2	*	2410.968	98.414	100.577	N/A	N/A	-2.163	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11g at 2412MHz	

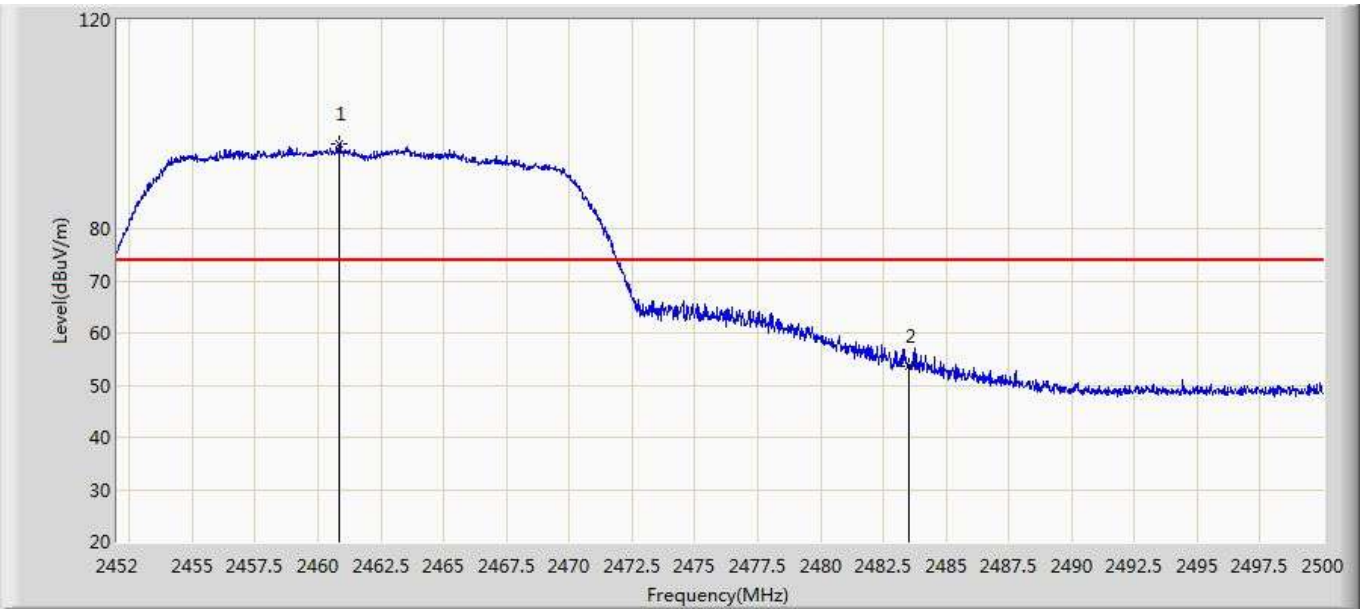


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	39.566	41.807	-14.434	54.000	-2.241	AV
2	*	2411.360	86.367	88.529	N/A	N/A	-2.162	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 10:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11g at 2462MHz	

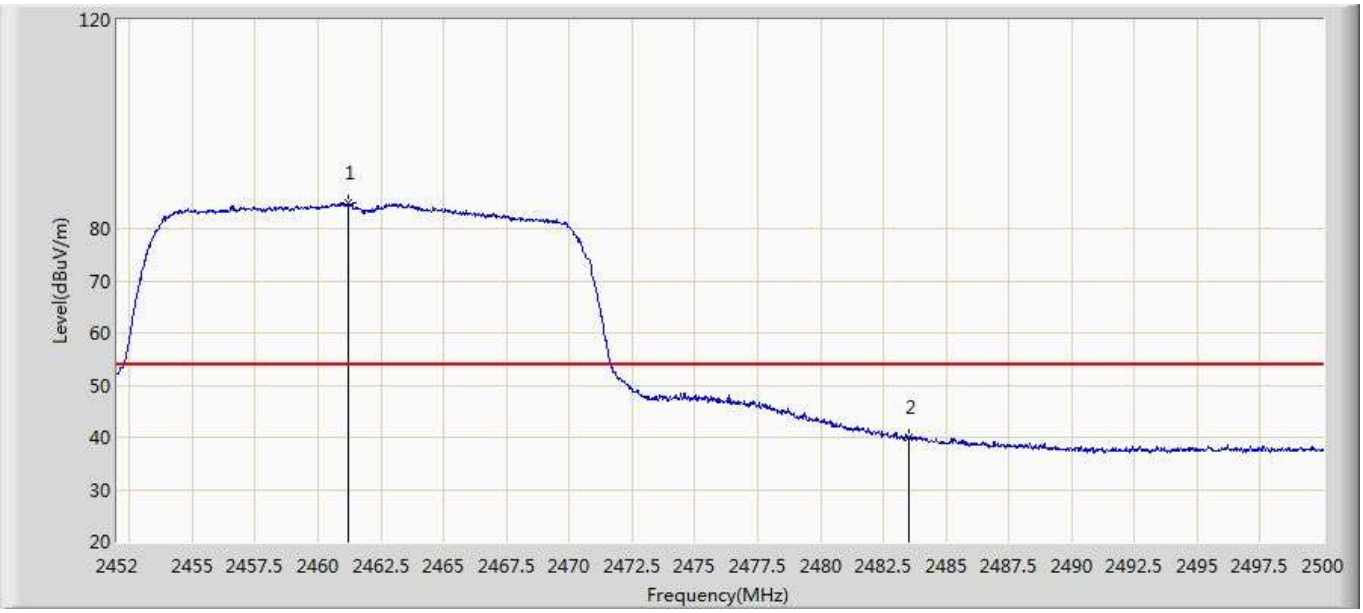


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.832	96.167	98.143	N/A	N/A	-1.976	PK
2		2483.500	53.615	55.507	-20.385	74.000	-1.892	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11g at 2462MHz	

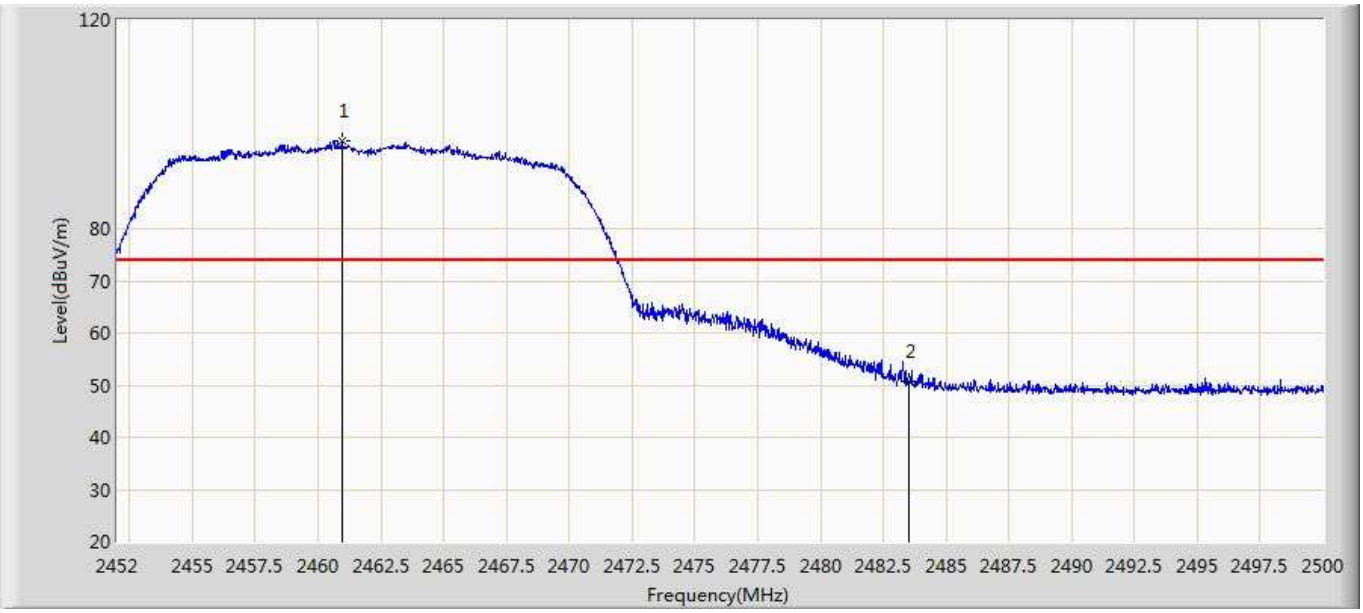


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.192	84.855	86.830	N/A	N/A	-1.975	AV
2		2483.500	39.891	41.783	-14.109	54.000	-1.892	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11g at 2462MHz	

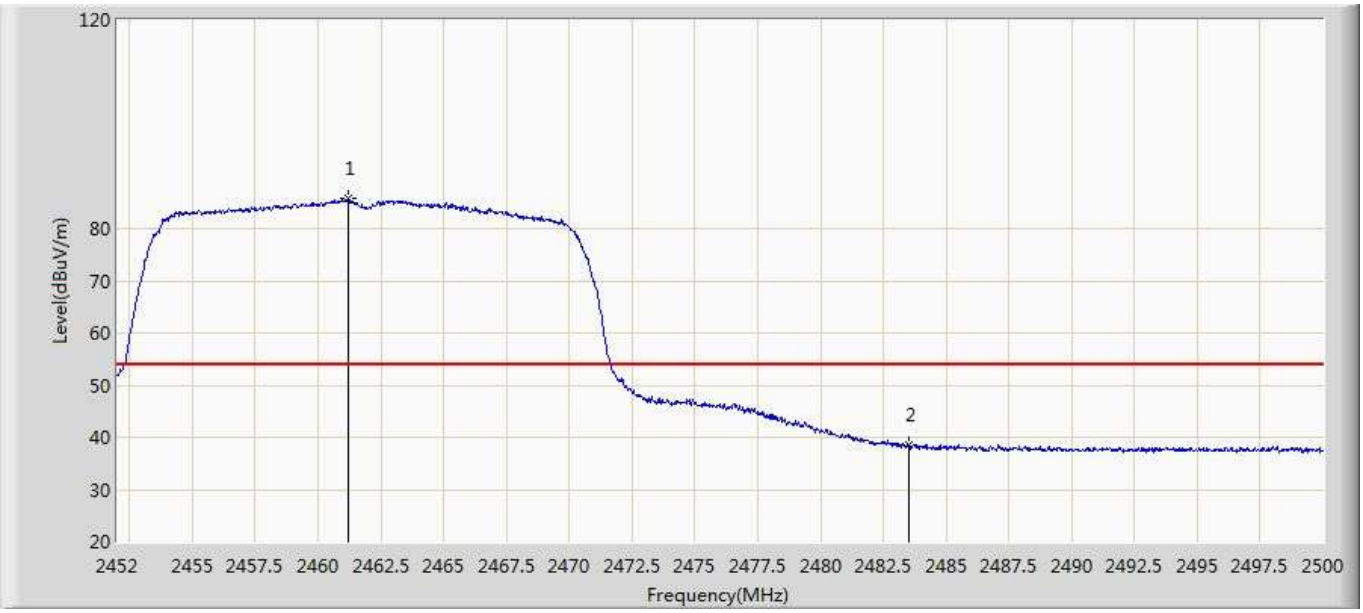


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.952	96.727	98.703	N/A	N/A	-1.976	PK
2		2483.500	50.831	52.723	-23.169	74.000	-1.892	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11g at 2462MHz	

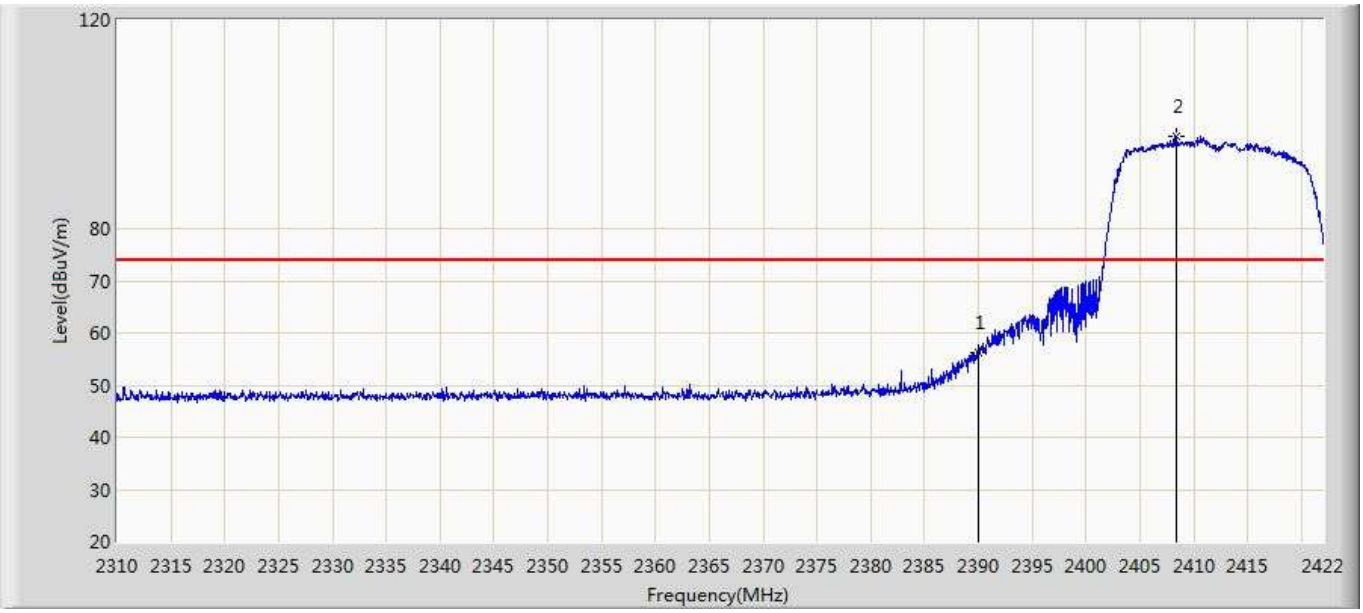


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.216	85.687	87.662	N/A	N/A	-1.975	AV
2		2483.500	38.427	40.319	-15.573	54.000	-1.892	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(20MHz) at 2412MHz	

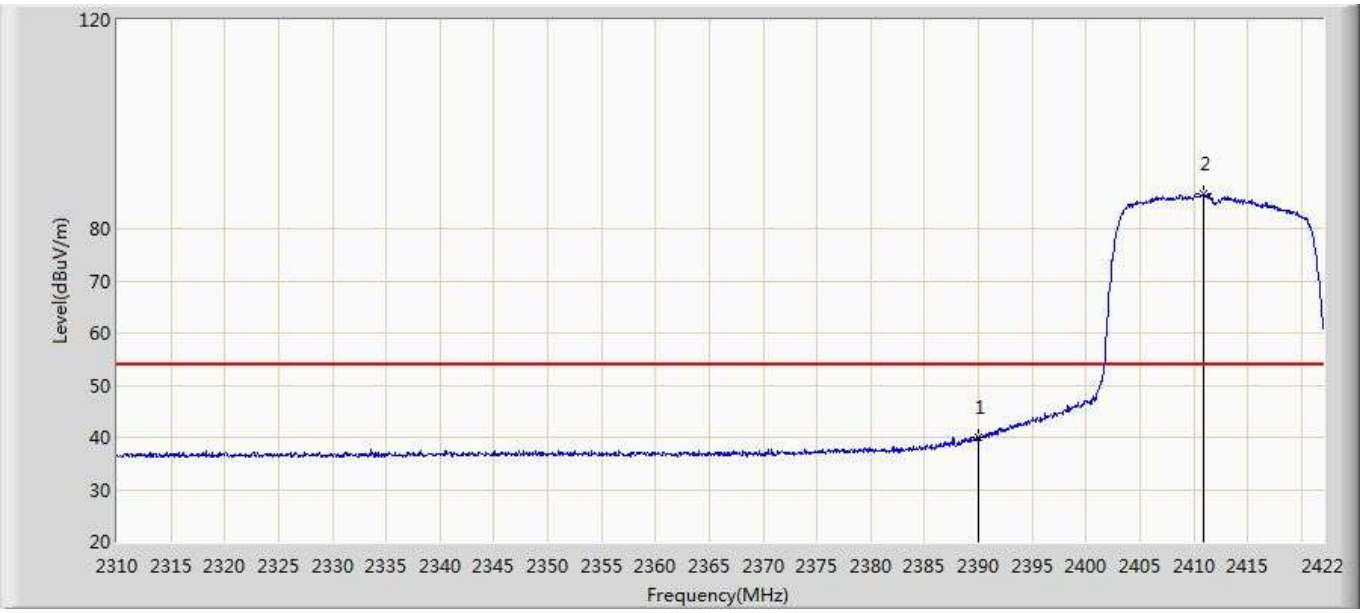


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	56.103	58.344	-17.897	74.000	-2.241	PK
2	*	2408.448	97.675	99.847	N/A	N/A	-2.172	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(20MHz) at 2412MHz	

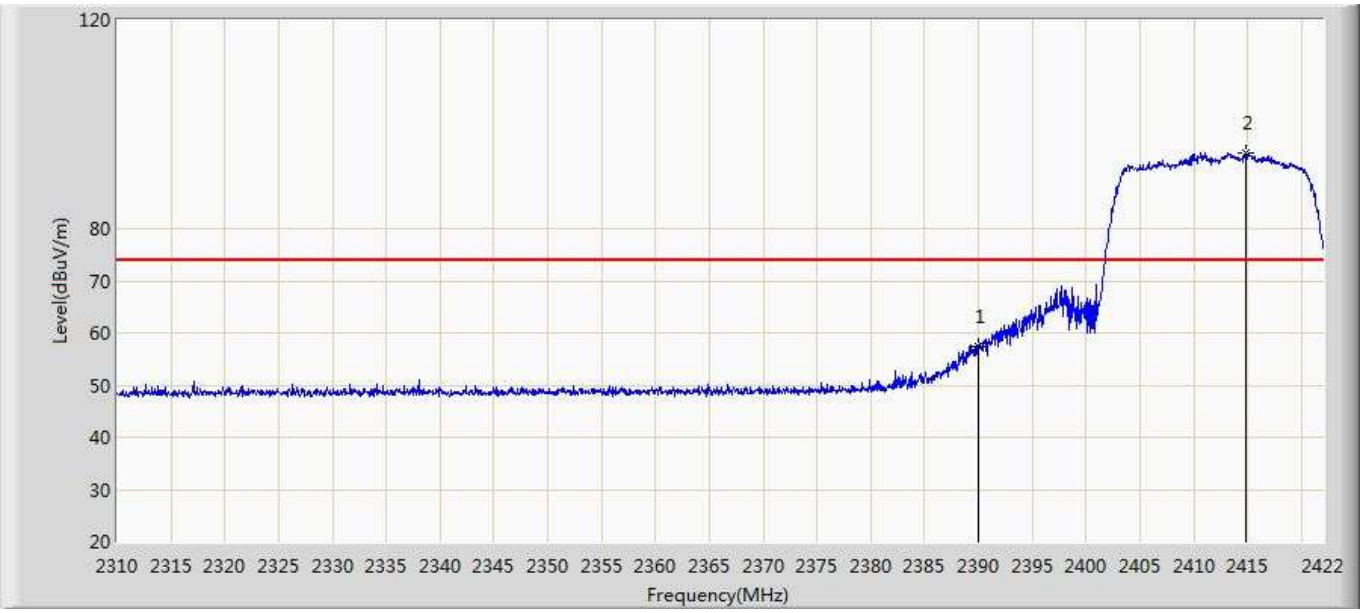


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	39.996	42.237	-14.004	54.000	-2.241	AV
2	*	2410.856	86.621	88.785	N/A	N/A	-2.164	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(20MHz) at 2412MHz	

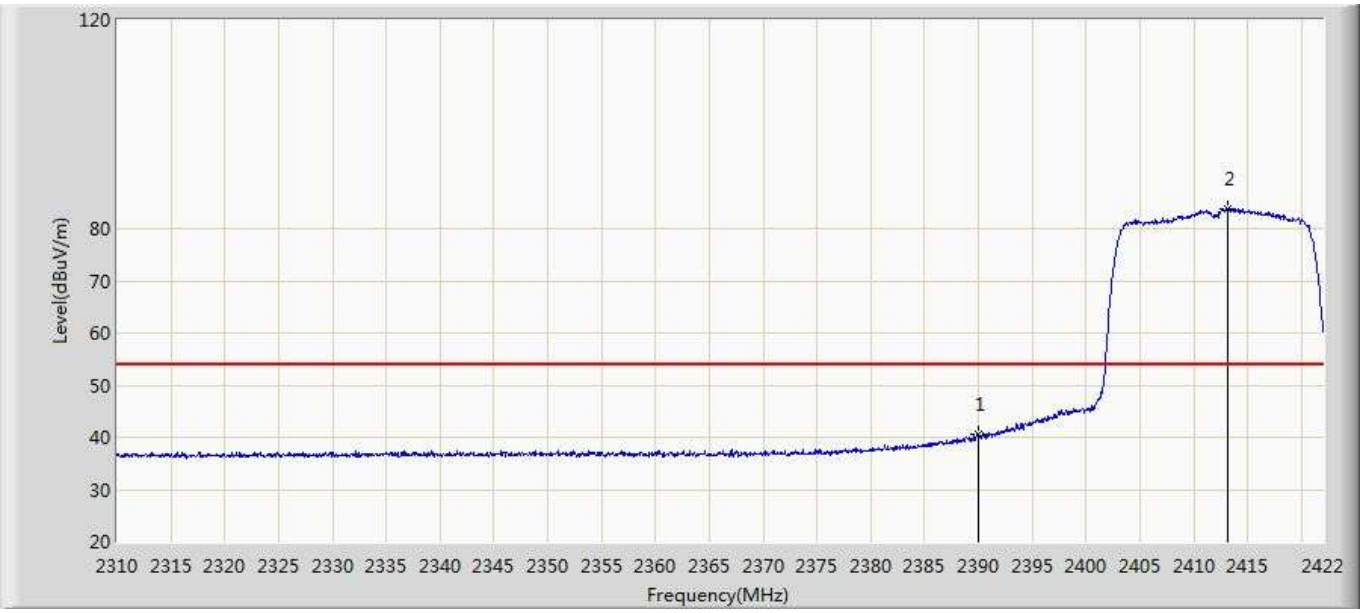


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	57.248	59.489	-16.752	74.000	-2.241	PK
2	*	2414.776	94.386	96.535	N/A	N/A	-2.149	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(20MHz) at 2412MHz	

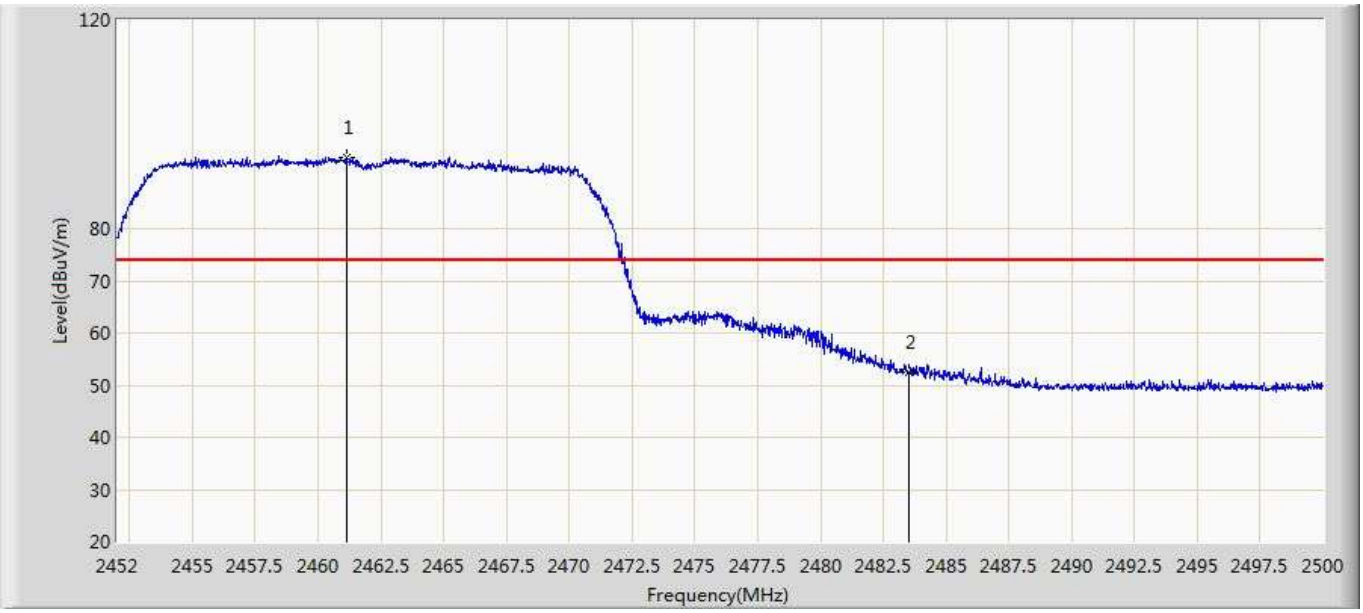


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	40.489	42.730	-13.511	54.000	-2.241	AV
2	*	2413.152	83.861	86.016	N/A	N/A	-2.155	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(20MHz) at 2462MHz	

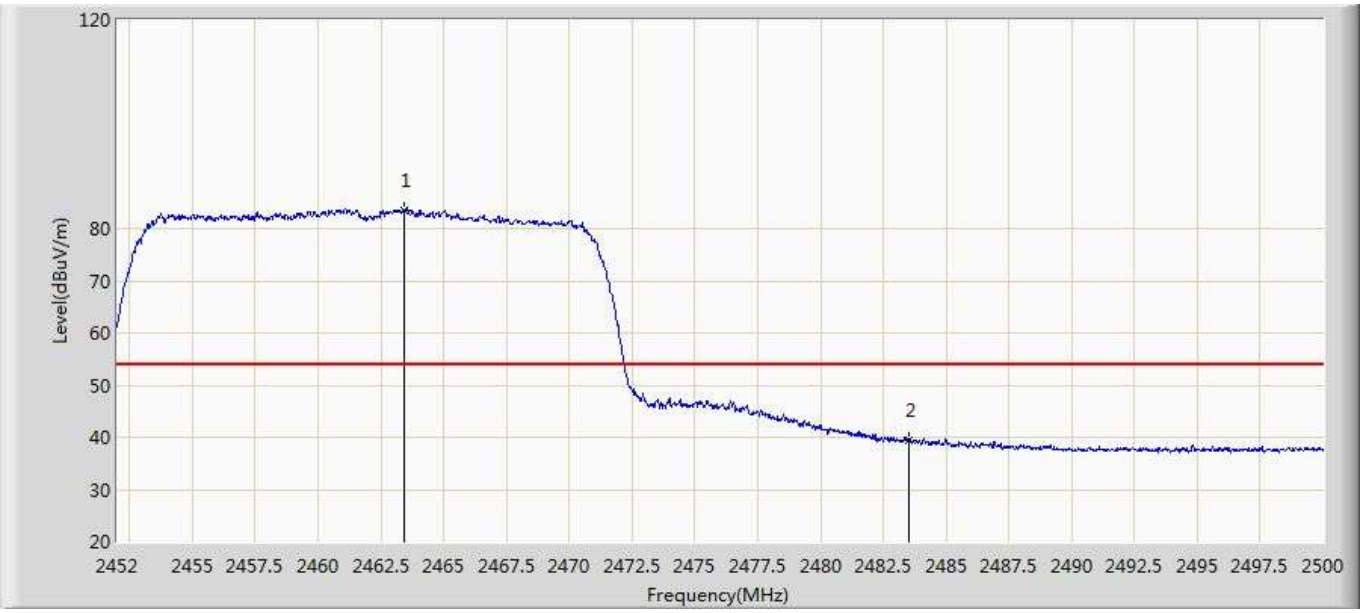


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.120	93.486	95.461	N/A	N/A	-1.975	PK
2		2483.500	52.468	54.360	-21.532	74.000	-1.892	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(20MHz) at 2462MHz	

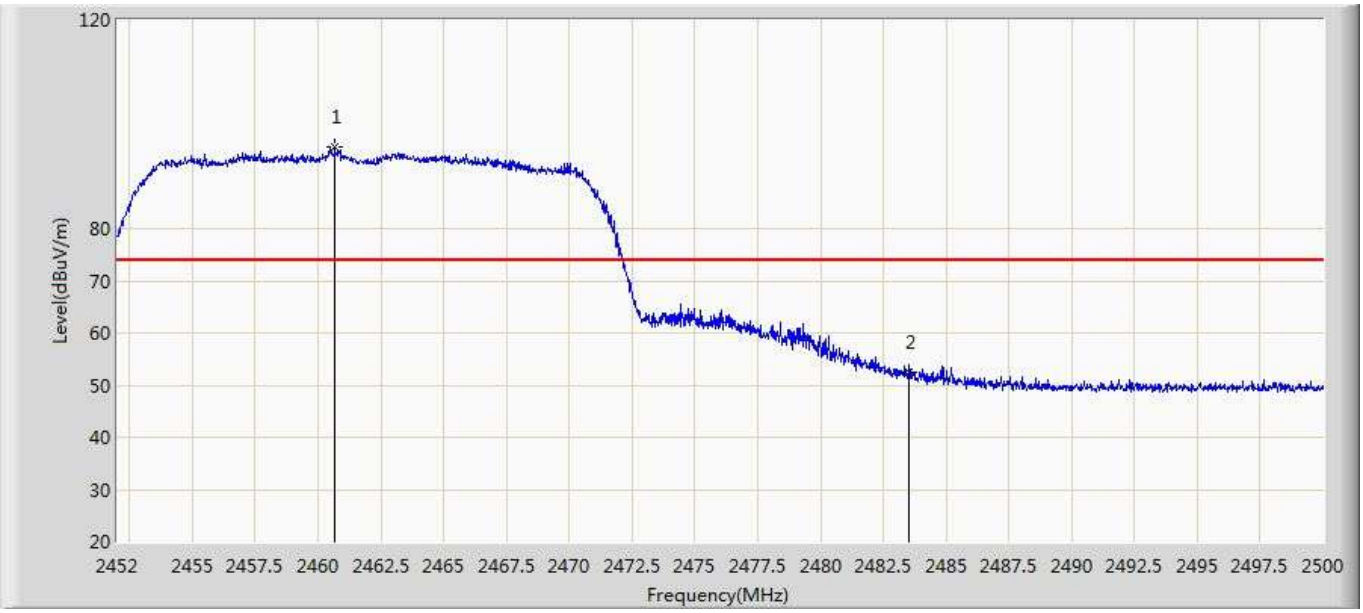


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.400	83.497	85.464	N/A	N/A	-1.967	AV
2		2483.500	39.327	41.219	-14.673	54.000	-1.892	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(20MHz) at 2462MHz	

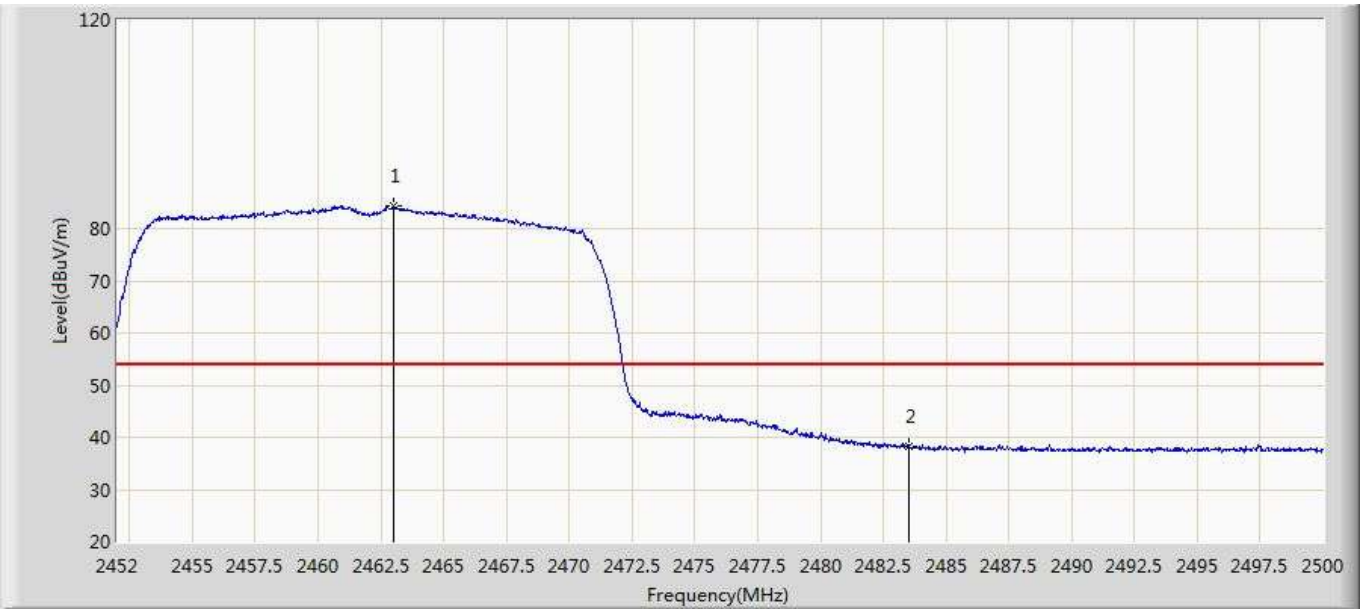


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.664	95.657	97.634	N/A	N/A	-1.977	PK
2		2483.500	52.322	54.214	-21.678	74.000	-1.892	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(20MHz) at 2462MHz	

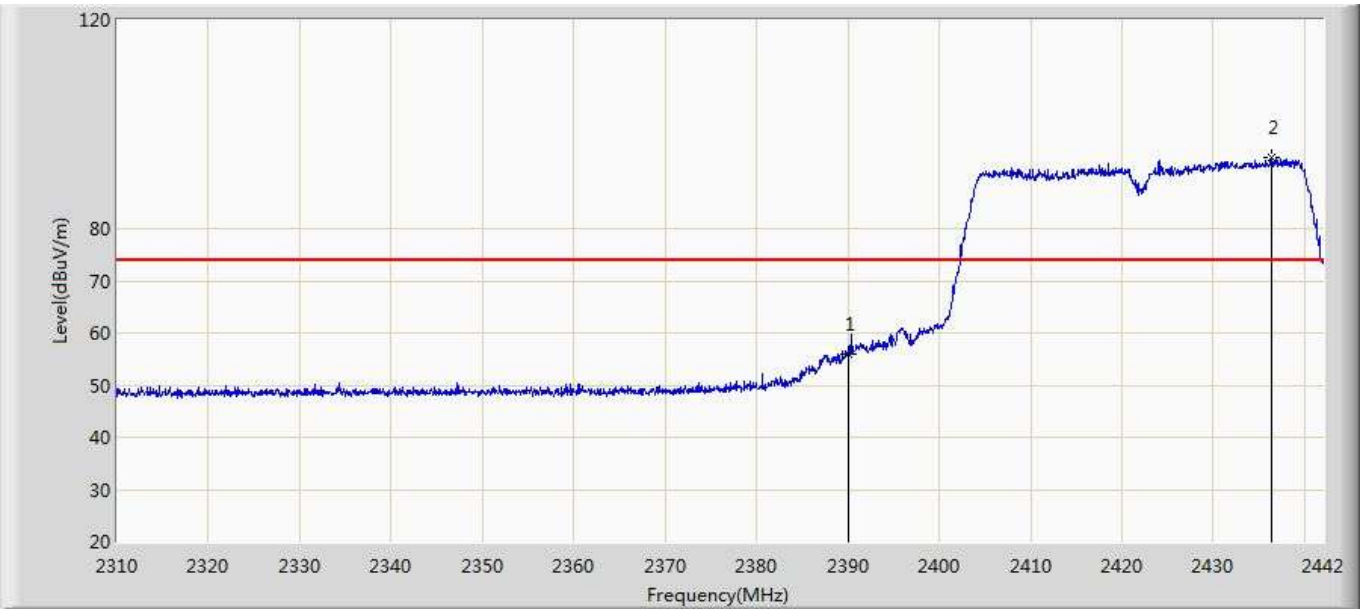


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.992	84.320	86.288	N/A	N/A	-1.968	AV
2		2483.500	38.401	40.293	-15.599	54.000	-1.892	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(40MHz) at 2422MHz	

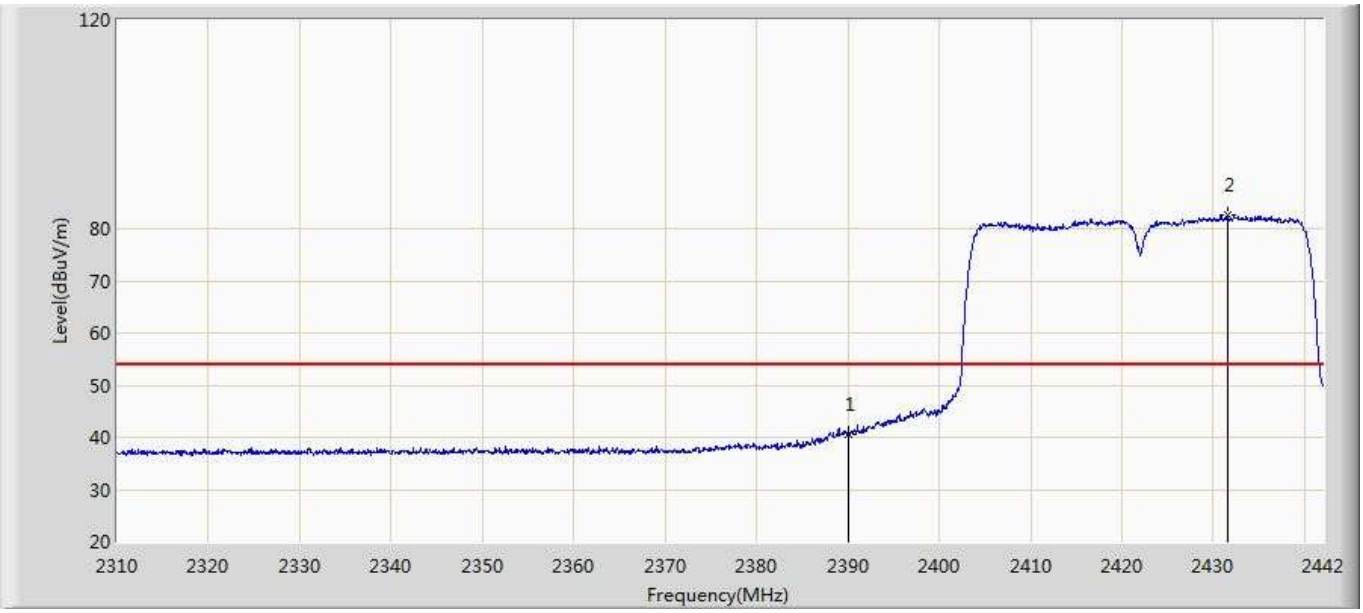


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	55.904	58.145	-18.096	74.000	-2.241	PK
2	*	2436.390	93.501	95.569	N/A	N/A	-2.068	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(40MHz) at 2422MHz	

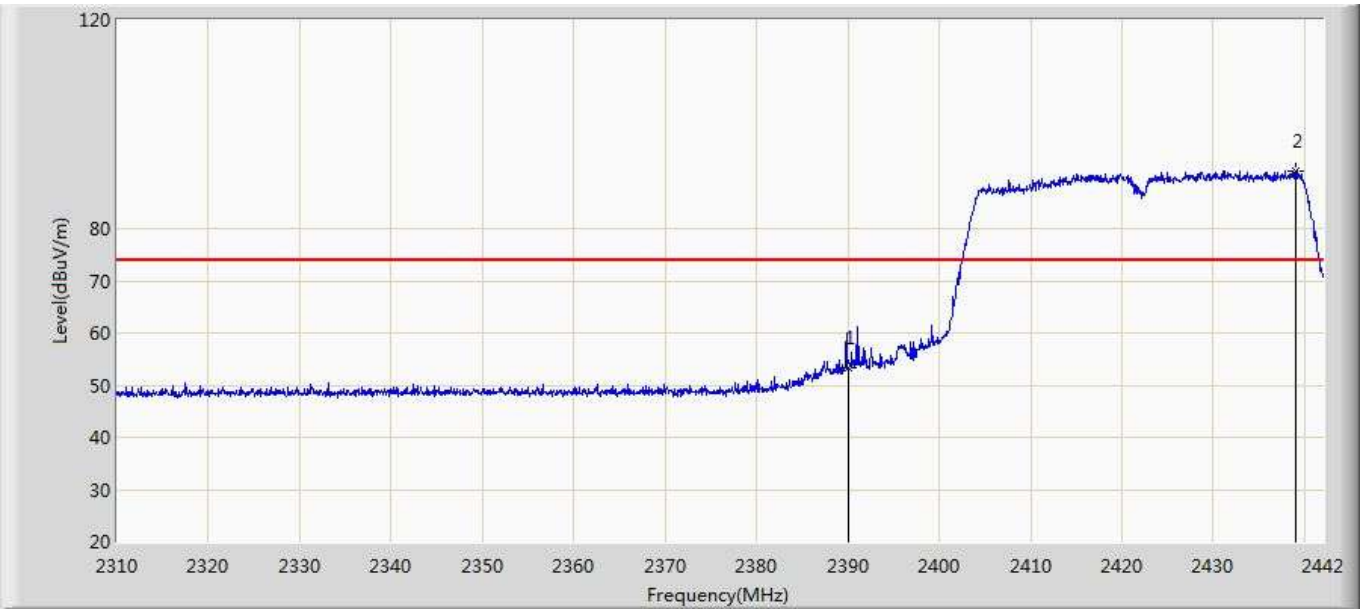


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	40.624	42.865	-13.376	54.000	-2.241	AV
2	*	2431.506	82.595	84.681	N/A	N/A	-2.086	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(40MHz) at 2422MHz	

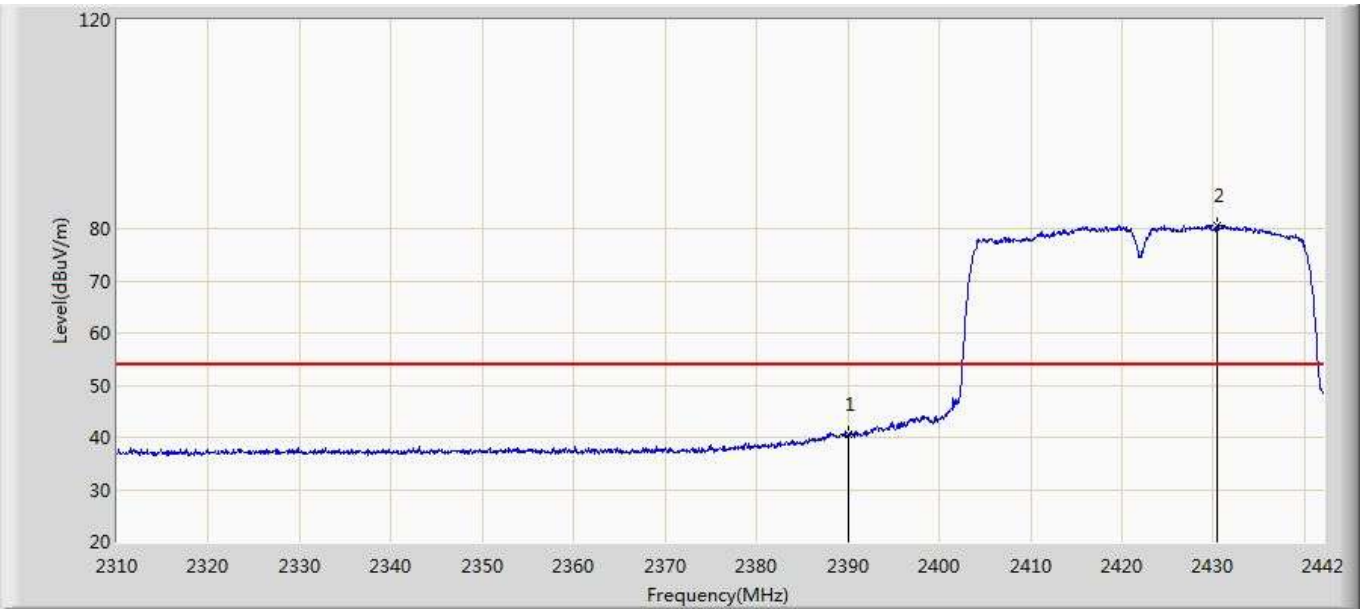


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.359	55.600	-20.641	74.000	-2.241	PK
2	*	2438.964	90.976	93.034	N/A	N/A	-2.058	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(40MHz) at 2422MHz	

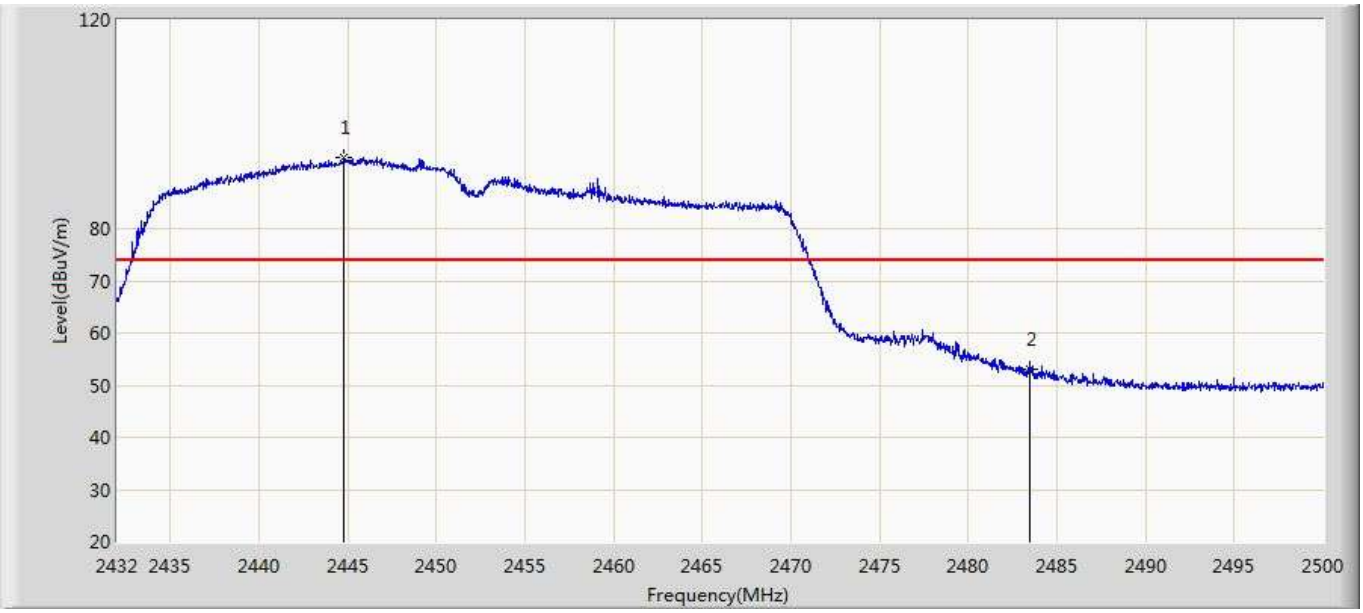


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	40.588	42.829	-13.412	54.000	-2.241	AV
2	*	2430.450	80.575	82.665	N/A	N/A	-2.090	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(40MHz) at 2452MHz	

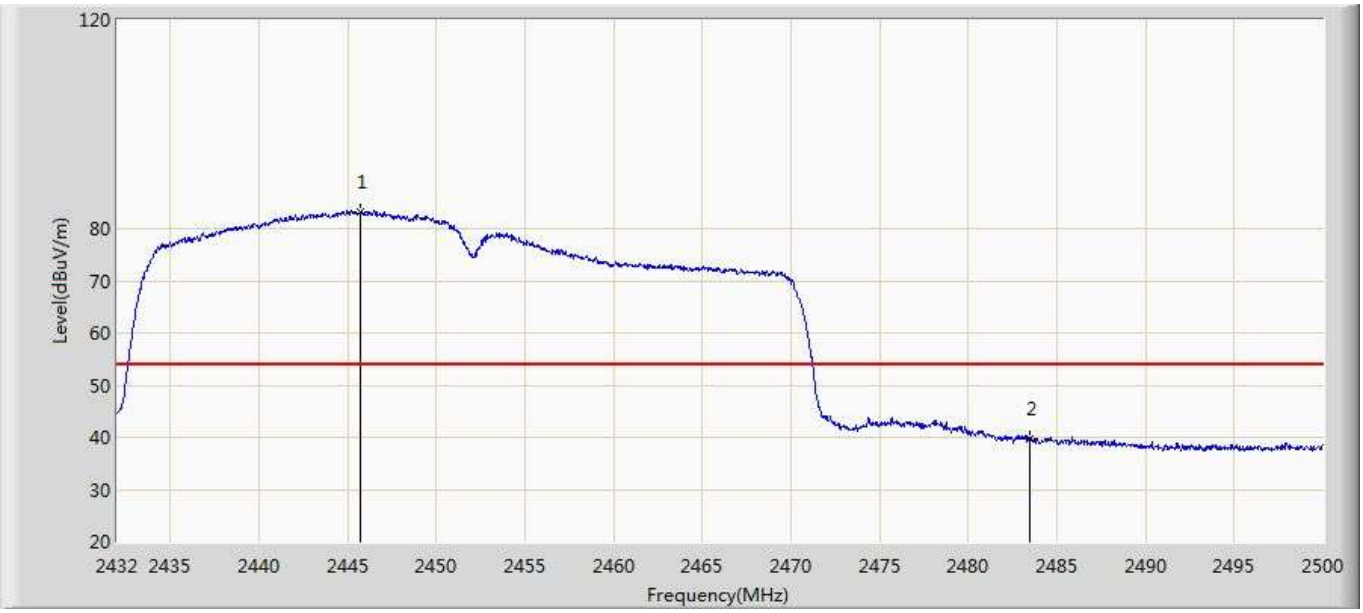


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2444.818	93.504	95.541	N/A	N/A	-2.037	PK
2		2483.500	53.018	54.910	-20.982	74.000	-1.892	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Vertical
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(40MHz) at 2452MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2445.736	83.202	85.235	N/A	N/A	-2.033	AV
2		2483.500	39.761	41.653	-14.239	54.000	-1.892	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

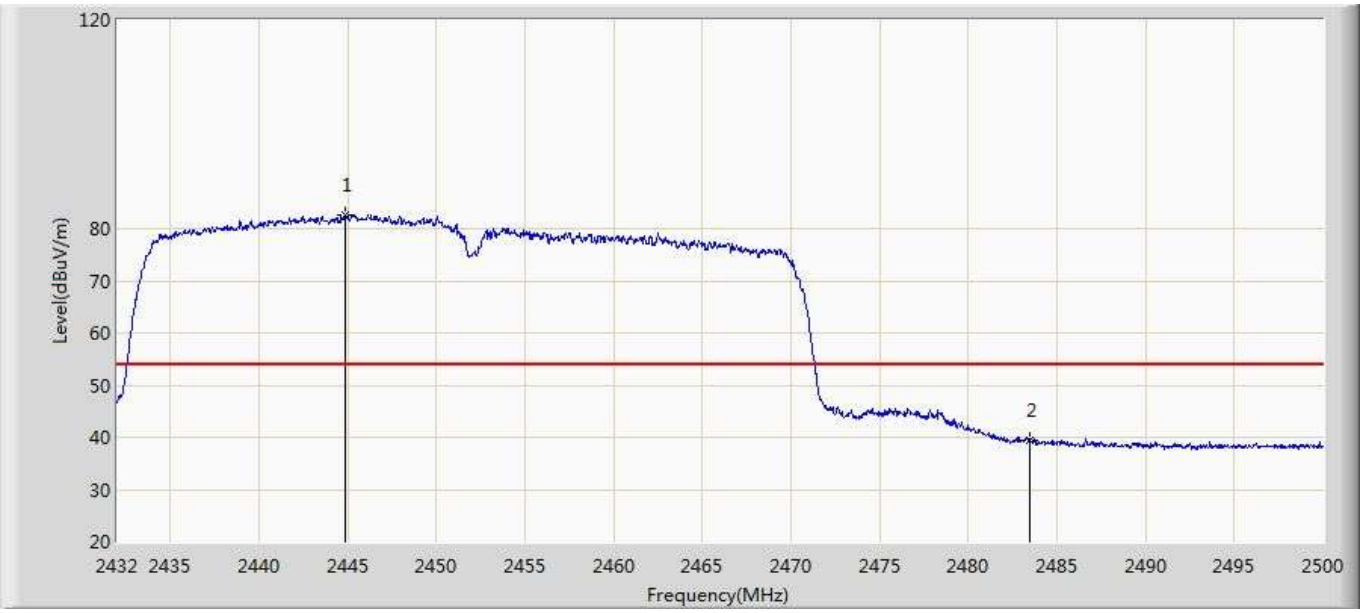
Site: AC102	Time: 2017/05/28 - 11:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(40MHz) at 2452MHz	

No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2445.838	96.335	98.368	N/A	N/A	-2.033	PK
2		2483.500	50.724	52.616	-23.276	74.000	-1.892	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: AC102	Time: 2017/05/28 - 11:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: N/A	Polarity: Horizontal
EUT: iflytek translating machine	Power: 220V/60HZ
Note: Mode:Transmit 802.11n(40MHz) at 2452MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2444.852	82.608	84.645	N/A	N/A	-2.037	AV
2		2483.500	39.448	41.340	-14.552	54.000	-1.892	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

The End